CDX-GT527EE/GT570/ GT570S

SERVICE MANUAL

Ver. 1.1 2007. 09

E Model
CDX-GT570/GT570S
Chinese Model
CDX-GT570
Russian Model
CDX-GT527EE

Photo: CDX-GT570

• The tuner and CD sections have no adjustments.

Model Name Using Similar Mechanism	NEW
CD Drive Mechanism Type	MG-101TC-188//Q
Optical Pick-up Name	DAX-25A

SPECIFICATIONS

CD player section

Signal-to-noise ratio	120 dB
Frequency response	10 – 20,000 Hz
Wow and flutter	Below measurable limit

Tuner section

FM

Tuning range	CDX-GT527EE: FM1/FM2: 87.5 – 108.0 MHz (at 50 kHz step) FM3: 65 – 74 MHz (at 30 kHz step) CDX-GT570/GT570S: 87.5 – 108.0 MHz (at 50 kHz step) 87.5 – 107.9 MHz (at 200 kHz step) (except EA model)
FM tuning interval	CDX-GT570/GT570S: 50 kHz/200 kHz switchable (except EA model)
Antenna (aerial) terminal	External antenna (aerial) connector
Intermediate frequency	10.7 MHz/450 kHz
Usable sensitivity	9 dBf
Selectivity	75 dB at 400 kHz
Signal-to-noise ratio	67 dB (stereo), 69 dB (mono)
Harmonic distortion at 1 kHz	0.5% (stereo), 0.3% (mono)
Separation	35 dB at 1 kHz
Frequency response	30 – 15,000 Hz

MW/LW (CDX-GT527EE)

Tuning range	MW: 531 – 1,602 kHz LW: 153 – 279 kHz
Antenna (aerial) terminal	External antenna (aerial) connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	MW: 30 µV, LW: 40 µV

– Continued on next page –

FM/MW/LW COMPACT DISC PLAYER
CDX-GT527EE
FM/MW/SW COMPACT DISC PLAYER
CDX-GT570/GT570S

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Sony Corporation
eVehicle Division
Published by Sony Techno Create Corporation

SONY®

MW (CDX-GT570/GT570S)

Tuning range	531 – 1,602 kHz (at 9 kHz step) 530 – 1,710 kHz (at 10 kHz step) (except EA model)
MW tuning interval	9 kHz/10 kHz switchable (except EA model)
Antenna (aerial) terminal	External antenna (aerial) connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	30 µV

SW (CDX-GT570/GT570S)

Tuning range	SW1: 2,940 – 7,735 kHz SW2: 9,500 – 18,135 kHz (except for 10,140 – 11,575 kHz)
Antenna (aerial) terminal	External antenna (aerial) connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	30 µV

Power amplifier section

Outputs	Speaker outputs (sure seal connectors)
Speaker impedance	4 – 8 ohms
Maximum power output	52 W × 4 (at 4 ohms)

General

Outputs	Audio outputs terminal (front, rear/sub switchable) (CDX-GT527EE) Audio outputs terminal (front/rear) (CDX-GT570/GT570S) Subwoofer output terminal (mono) (CDX-GT570/GT570S) Power antenna (aerial) relay control terminal Power amplifier control terminal
Inputs	Telephone ATT control terminal (CDX-GT527EE) BUS control input terminal BUS audio input terminal Remote controller input terminal Antenna (aerial) input terminal AUX input jack (stereo mini jack)
Tone controls	Low: ±10 dB at 60 Hz (XPLOD) Mid: ±10 dB at 1 kHz (XPLOD) High: ±10 dB at 10 kHz (XPLOD)
Power requirements	12 V DC car battery (negative ground (earth))
Dimensions	Approx. 178 × 50 × 180 mm (7 1/8 × 2 × 7 1/8 in.) (w/h/d)
Mounting dimensions	Approx. 182 × 53 × 162 mm (7 1/4 × 2 1/8 × 6 1/2 in.) (w/h/d)
Mass	Approx. 1.2 kg (2 lb. 11 oz.)
Supplied accessories	Card remote commander: RM-X151 Parts for installation and connections (1 set)

MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.

Design and specifications are subject to change without notice.

• Abbreviation
EA: Saudi Arabia model

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SERVICE NOTES

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

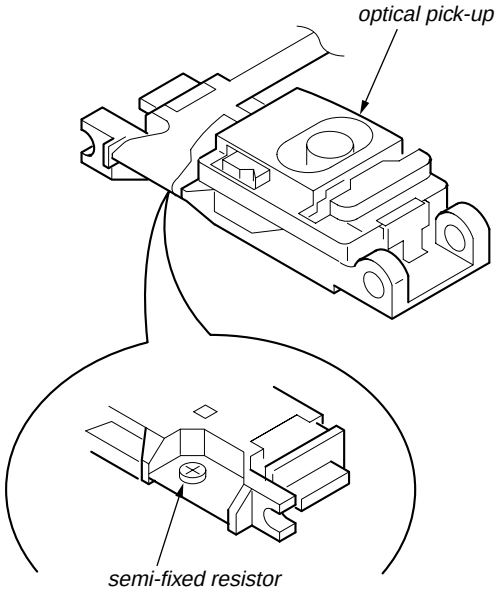
NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

If the optical pick-up block is defective, please replace the whole optical pick-up block.
Never turn the semi-fixed resistor located at the side of optical pick-up block.



This compact disc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the exterior.

• CDX-GT527EE/GT570: E, IND, MX, EA model/ GT570S

CLASS 1
LASER PRODUCT

This label is located on the bottom of the chassis.

• CDX-GT570: Chinese model

1类激光产品

此标签位于机壳的底部。

• Abbreviation
IND : Indian model
MX : Mexican model
EA : Saudi Arabia model

Notes on Chip Component Replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

TEST DISCS

Please use the following test discs for the check on the CD section.

YDES-18 (Part No. 3-702-101-01)
PATD-012 (Part No. 4-225-203-01)

- **CD playback**

You can play CD-DA (also containing CD TEXT) and CD-R/ CD-RW (MP3/WMA files).

Type of discs	Label on the disc
CD-DA	COMPACT disc DIGITAL AUDIO Recordable / COMPACT disc DIGITAL AUDIO ReWritable
MP3 WMA	COMPACT disc DIGITAL AUDIO Recordable / COMPACT disc DIGITAL AUDIO ReWritable COMPACT disc Recordable / COMPACT disc ReWritable

● UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40°C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350°C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

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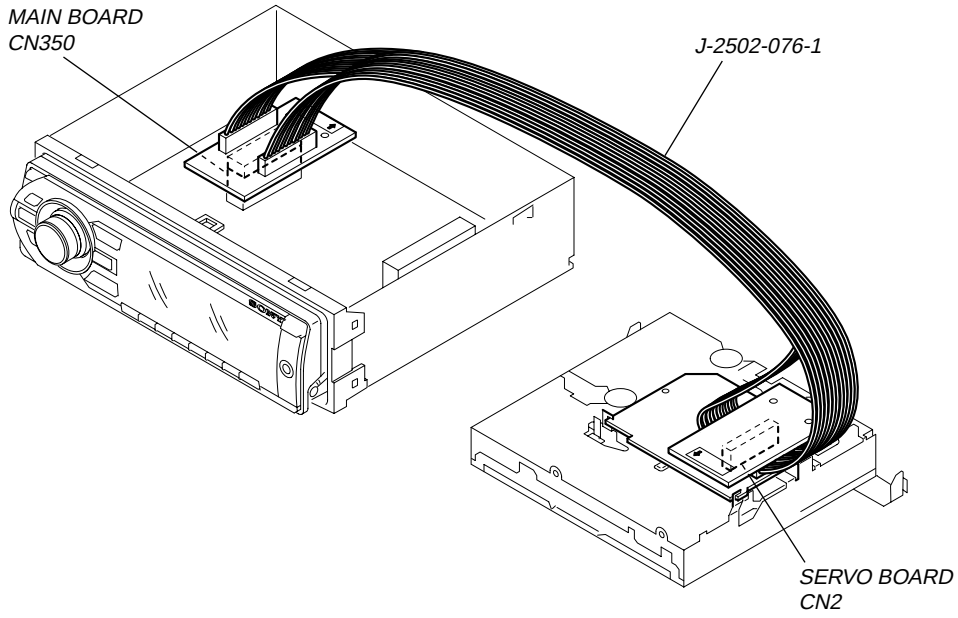
SECTION 1
SERVICE NOTE

EXTENSION CABLE AND SERVICE POSITION

When repairing or servicing this set, connect the jig (extension cable) as shown below.

- Connect the MAIN board (CN350) and the SERVO board (CN2) with the extension cable (Part No. J-2502-076-1).



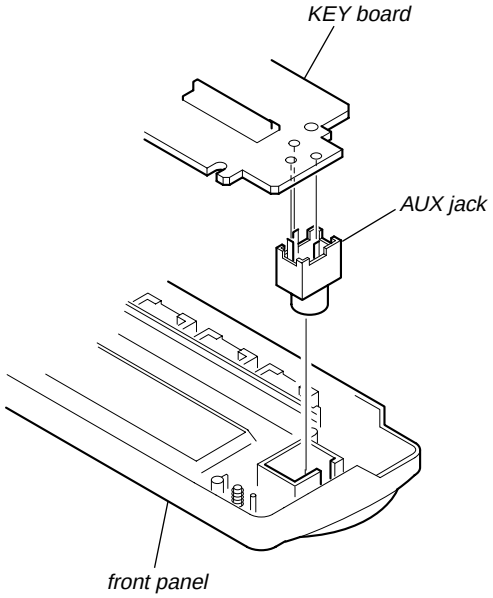
NOTE FOR REPLACEMENT OF THE SERVO BOARD

When repairing, the complete SERVO board (A-1177-201-A) should be replaced since any parts in the SERVO board cannot be repaired.

NOTE FOR REPLACEMENT OF THE AUX JACK (J901)

To replace the AUX jack requires alignment.

1. Insert the AUX jack into the KEY board.
2. Place the KEY board on the front panel.
3. Solder the three terminals of the jack.



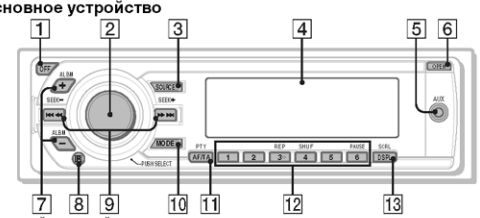
SECTION 2
GENERAL

This section is extracted from instruction manual.

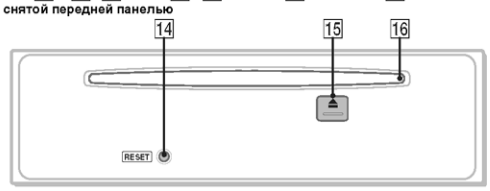
• Location of controls and basic operations (CDX-GT527EE)

Расположение органов управления и основные операции

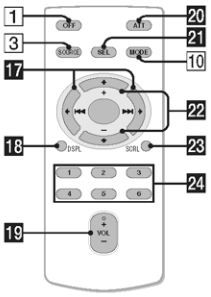
Основное устройство



Со снятой передней панелью



Пульт дистанционного управления RM-X151



В этом разделе содержатся сведения о расположении органов управления и об основных операциях. Подробные сведения см. на соответствующих страницах. Для получения сведений об использовании дополнительных устройств (проигрыватель компакт-/мини-дисков и т.п.) см. раздел "Использование дополнительного оборудования" на стр. 13. Кнопки на пульте дистанционного управления с такими же обозначениями, что и на устройстве, выполняют те же функции.

1 **Кнопка OFF**
Выключение питания; остановка источника.

2 **Регулятор громкости/кнопка выбора** стр. 11
Настройка громкости (поверните); выбор элементов настройки (нажмите и поверните).

3 **Кнопка SOURCE**
Включение питания/смена источника (радио/компакт-диск/AUX)*.

4 **Окошко дисплея**

5 **Входное гнездо AUX** стр. 13
Подсоединение переносного аудиоустройства.

6 **Кнопка OPEN** стр. 5

7 **Кнопки ALBM +/–** (при воспроизведении MP3/WMA)
Пропуск альбомов (нажмите кнопку); непрерывный пропуск альбомов (нажмите и удерживайте кнопку).

8 **Датчик пульта дистанционного управления**

9 **Кнопки SEEK –/+**
Компакт-диск:
Пропуск композиций (нажмите кнопку); непрерывный пропуск композиций (нажмите, затем нажмите еще раз примерно через 1 секунду и удерживайте нажатой); перемещение вперед/назад на одну композицию (нажмите и удерживайте кнопку).
Радиоприемник:
Автоматическая настройка на радиостанции (нажмите кнопку); поиск станций вручную (нажмите и удерживайте кнопку).

10 **Кнопка MODE** стр. 8
Выбор радиодиапазона (FM/MW/LW)*.

11 **Кнопка AF (альтернативные частоты)/TA (сообщения о текущей ситуации на дорогах)/PTY (тип программы)** стр. 9, 10
Задание AF и TA (нажмите кнопку); выбор PTY (нажмите и удерживайте кнопку) в RDS.

12 **Номерные кнопки**
Компакт-диск:
③: **REP** стр. 8
④: **SHUF** стр. 8
⑥: **PAUSE**
Приостановка воспроизведения компакт-диска на этом устройстве. Для отмены нажмите эту кнопку еще раз.
Радиоприемник:
Прием хранящихся в памяти радиостанций (нажмите кнопку); сохранение радиостанций в памяти (нажмите и удерживайте кнопку).

13 **Кнопка DSPL (дисплей)/SCRL (прокрутка)** стр. 8, 9
Смена индикаций на дисплее (нажмите кнопку); прокрутка индикации на дисплее (нажмите и удерживайте кнопку).

14 **Кнопка RESET** стр. 4

15 **Кнопка ⏏ (извлечение)** стр. 5
Извлечение диска.

16 **Слот для дисков** стр. 5
Установка диска.

Следующие кнопки на пульте дистанционного управления отличаются от кнопок/функций на устройстве. Удалите изоляционную пленку перед использованием (стр. 4).

17 **Кнопки ⬅ (I◄◄)/➡ (►►I)**
Используются для управления компакт-диском/радиоприемником, соответствуют кнопкам (SEEK) –/+ на устройстве.
Кнопки ⬅ ➡ позволяют выполнять настройку, регулировку звука и т.п.

18 **Кнопка DSPL (дисплей)**
Смена индикации.

19 **Кнопка VOL (громкость) +/–**
Регулировка уровня громкости.

20 **Кнопка ATT (прприглушение)**
Приглушение звука. Для отмены нажмите эту кнопку еще раз.

21 **Кнопка SEL (выбор)**
Соответствует кнопке выбора на устройстве.

22 **Кнопки ⬆ (+)/⬇ (–)**
Используются для управления компакт-диском, соответствуют кнопкам (ALBM) +/– на устройстве.
Кнопки ⬆ ⬇ позволяют выполнять настройку, регулировку звука и т.п.

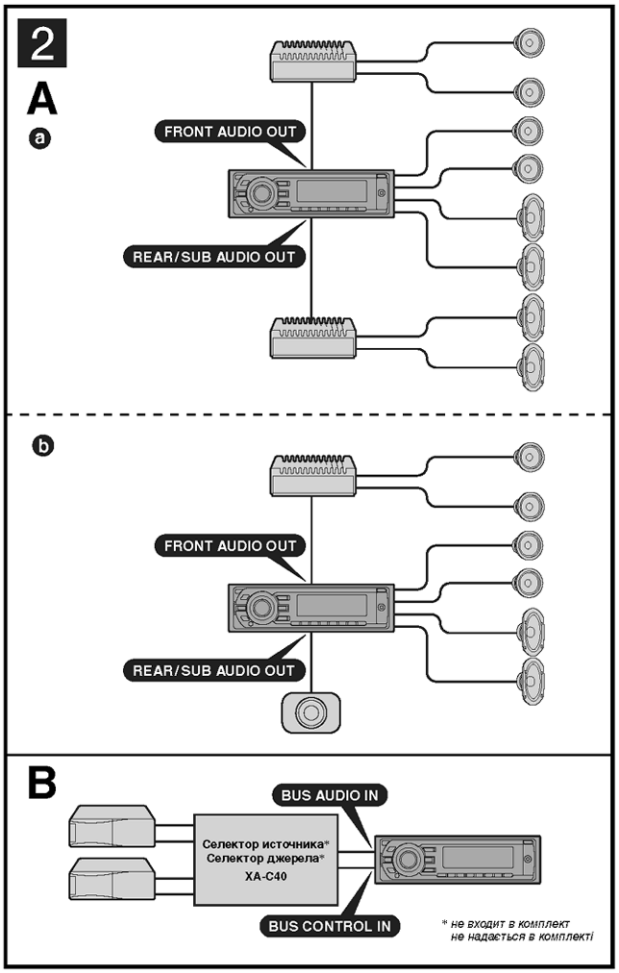
23 **Кнопка SCRL (прокрутка)**
Прокрутка индикации на дисплее.

24 **Номерные кнопки**
Прием хранящихся в памяти радиостанций (нажмите кнопку); сохранение радиостанций в памяти (нажмите и удерживайте кнопку).

** Если подсоединен проигрыватель компакт-/мини-дисков: при нажатии кнопки (SOURCE) на дисплее отображается подсоединенное устройство ("MD"), в зависимости от того, какое устройство подсоединено. Кроме того, нажимая кнопку (MODE), можно производить переключение проигрывателя.*

Примечание
Если устройство выключено и дисплей погас, то с помощью пульта дистанционного управления невозможно будет управлять устройством, пока на нем не будет нажата кнопка (SOURCE) или вставлен диск для его включения.

• Connections (CDX-GT527EE)



Пример подсоединения 2

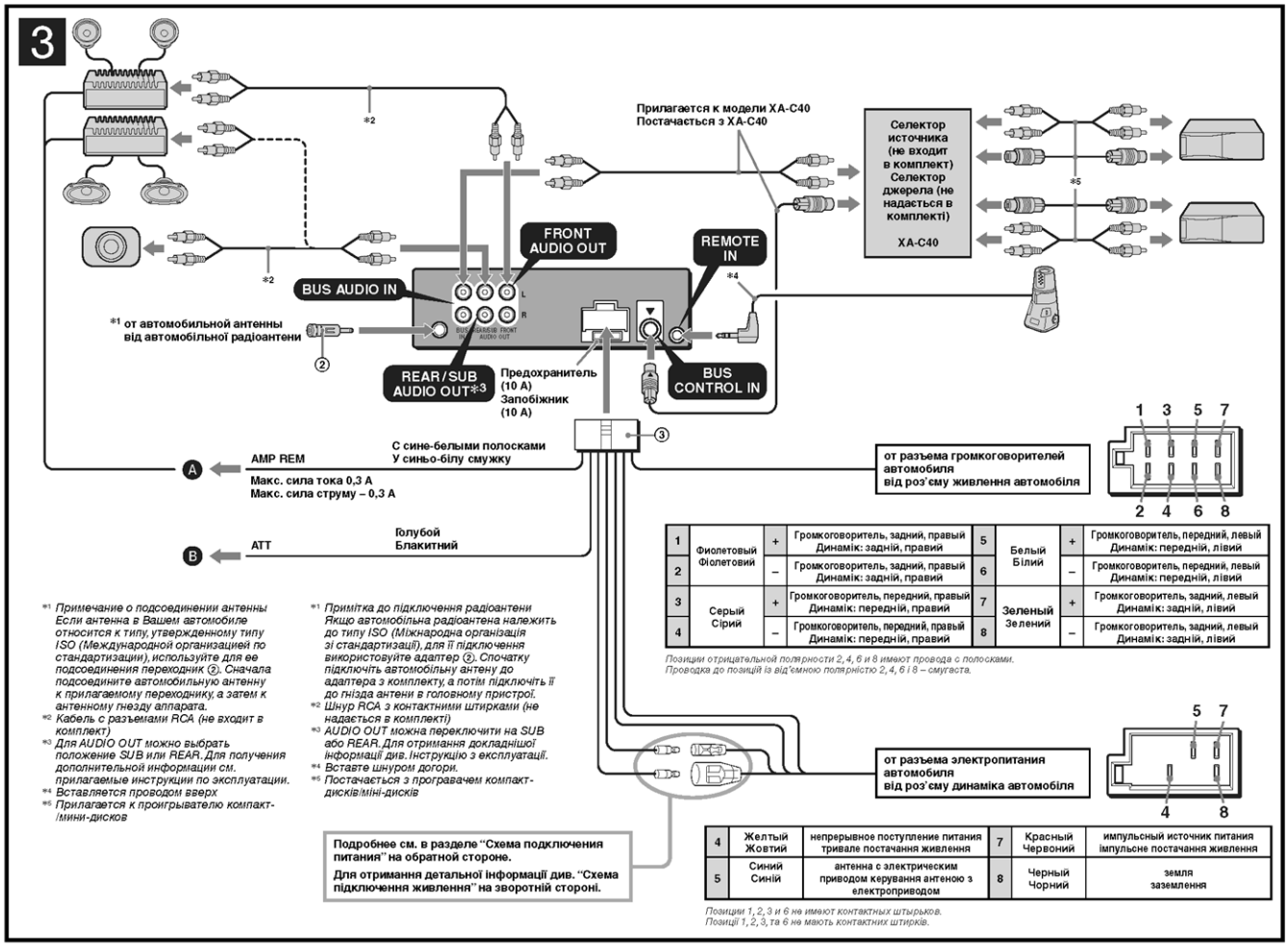
Примечания **(2-A)**
- *Прежде чем подключать аппарат к усилителю, обязательно подсоедините провод заземления.*
- *Звуковой сигнал будет воспроизводиться только в том случае, если используется встроенный усилитель.*

Советы **(2-B)**
- *При подсоединении только одного проигрывателя компакт-/мини-дисков (или другого дополнительного устройства) подсоединение осуществляется непосредственно к этому аппарату.*
- *При подсоединении двух или более проигрывателей компакт-/мини-дисков (или других дополнительных устройств) необходим переключатель выбора источника XA-C40 (не входит в комплект).*

Приклад підключення 2

Примітка **(2-A)**
- *Перед підключенням підсилювача переконайтеся, що підключено заземлений кабель.*
- *Сигнал сповіщення спрацює, лише якщо використовується вбудований підсилювач.*

Поради **(2-B)**
- *Якщо приєднується лише один програвач компакт-дисків/міні-дисків або інший додатковий пристрій, приєднайте його безпосередньо до цього апарата.*
- *Щоб приєднати два або більше програвачів компакт-дисків/міні-дисків або інших додаткових пристроїв, потрібен селектор джерела XA-C40 (у комплекті не надається).*



1	Фиолетовый Фіолетовий	+	Громкоговоритель, задний, правый Динамік: задній, правий	5	Белый Білий	+	Громкоговоритель, передний, левый Динамік: передній, лівий
2		–	Громкоговоритель, задний, правый Динамік: задній, правий	6		–	Громкоговоритель, передний, левый Динамік: передній, лівий
3	Серый Сірий	+	Громкоговоритель, передний, правый Динамік: передній, правий	7	Зеленый Зелений	+	Громкоговоритель, задний, левый Динамік: задній, лівий
4		–	Громкоговоритель, передний, правый Динамік: передній, правий	8		–	Громкоговоритель, задний, левый Динамік: задній, лівий

Позиции отрицательной полярности 2, 4, 6 и 8 имеют провода с полосками.
Проводка до позицій із від'ємною полярністю 2, 4, 6 і 8 – смугаста.

4	Желтый Жовтий	непрерывное поступление питания тривале постачання живлення		7	Красный Червоний	импульсный источник питания імпульсне постачання живлення	
5	Синий Синій	антенна с электрическим приводом керування антеною з електроприводом		8	Черный Чорний	земля заземлення	

Позиции 1, 2, 3 и 6 не имеют контактных штырьков.
Позиції 1, 2, 3, та 6 не мають контактних штирків.

Подробнее см. в разделе "Схема подключения питания" на обратной стороне.

Для отримання детальної інформації див. "Схема підключення живлення" на зворотній стороні.

**1 Примечание о подсоединении антенны*
Если антенна в Вашем автомобиле относится к типу, утвержденному типу ISO (Международной организацией по стандартизации), используйте для ее подсоединения переходник ②. Сначала подсоедините автомобильную антенну к прилагаемому переходнику, а затем к антенному гнезду аппарата.
**2 Кабель с разъемами RCA (не входит в комплект)*
**3 Для AUDIO OUT можно выбрать положение SUB или REAR. Для получения дополнительной информации см. прилагаемые инструкции по эксплуатации.*
**4 Вставляется проводом вверх*
**5 Прилагается к проигрывателю компакт-/мини-дисков*

**1 Примітка до підключення радіоантени*
Якщо автомобільна радіоантена належить до типу ISO (Міжнародна організація зі стандартизації), для її підключення використовуйте адаптер ②. Спочатку підключіть автомобільну антену до адаптера з комплекту, а потім підключіть її до гнізда антени в головному пристрої.
**2 Шнур RCA з контактними штирками (не надається в комплекті)*
**3 AUDIO OUT можна переключити на SUB або REAR. Для отримання докладнішої інформації див. інструкцію з експлуатації.*
**4 Вставте шнуром догори.*
**5 Постачається з програвачем компакт-дисків/міні-дисків*

Схема подсоединения 3

Ⓐ Подключение к входу AMP REMOTE IN дополнительного усилителя мощности
Этот вариант подключения используется только для усилителей. Подключение любой другой системы может привести к повреждению аппарата.

Ⓑ К интерфейсному кабелю автомобильного телефона

Предостережение

Если Вы используете антенну с электрическим приводом без релейного блока, подсоединение этого аппарата посредством прилагаемого провода питания ③ может привести к повреждению антенны.

О проводах управления и питания
- *При включении тюнера, а также использовании функции AF (Альтернативные частоты) или TA (Сообщения о текущей ситуации на дорогах) по проводу.*
- *Если на заднем/боковом стекле автомобиля установлена встроенная антенна диапазона FM/MW/LW, подсоедините провод управления антенной с электрическим приводом (синий) или провод питания аппарата (красный) к клемме питания существующего усилителя антенны. Чтобы получить дополнительные сведения, обратитесь к своему дилеру.*
- *Антенна с электрическим приводом, не снабженная релейным блоком, с этим аппаратом использоваться не может.*

Подсоединение для поддержки памяти
Когда к аппарату подсоединен желтый электрический провод, блок памяти будет постоянно получать питание даже при выключенном зажигании.

Примечания относительно подсоединения громкоговорителей
- *Прежде чем подсоединять громкоговорители, выключите аппарат.*
- *Используйте громкоговорители с полным сопротивлением 4 - 8 Ом, обладающие способностью принимать достаточно мощный сигнал. В противном случае они могут быть повреждены.*
- *Не подсоединяйте контактные гнезда громкоговорителей к шасси автомобиля и не соединяйте гнезда правого громкоговорителя с гнездами левого.*
- *Не подключайте провод заземления аппарата к отрицательному (–) контакту громкоговорителя.*
- *Не пытайтесь подсоединить громкоговорители параллельно.*
- *Подсоединять можно только пассивные громкоговорители. Подсоединение активных громкоговорителей (со встроенным усилителем) к гнездам для громкоговорителей может привести к повреждению аппарата.*
- *Во избежание неправильной работы аппарата не используйте встроенные в автомобиль провода громкоговорителей, если используется общий отрицательный провод (–) для правого и левого громкоговорителей.*
- *Не подсоединяйте друг к другу провода громкоговорителей аппарата.*

Примечание относительно подсоединения
Если громкоговоритель и усилитель подсоединены неправильно, на дисплее отобразится надпись "FAILURE". В этом случае проверьте правильность подсоединения громкоговорителя и усилителя.

Схема підключення 3

Ⓐ Для AMP REMOTE IN додаткового підсилювача потужності
Це підключення використовується лише для підсилювачів. Підключення будь-якої іншої системи може пошкодити пристрій.

Ⓑ Для інтерфейсного кабелю телефону в автомобілі

Увага!

Якщо антена з електроприводом не має релейної стійки, підключення цього пристрою за допомогою кабелю живлення з комплекту ③ може пошкодити антену.

Примітка щодо кабелю керування та кабелю постачання живлення
- *Кабель керування антеною з електроприводом (синій) постачає +12 В постійної напруги за ввімкнення тюнера або під час активації функції AF (Alternative Frequency) (альтернативна частота) або TA (Traffic Announcement) (повідомлення про ситуацію на дорогах).*
- *Якщо ваш автомобіль оснащено вбудованою антеною FM/MW/LW на задньому/боковому склі, підключіть кабель керування антеною (синій) або додатковий кабель підключення живлення (червоний) до роз'єму живлення наявного антенного підсилювача. Для отримання детальної інформації зверніться до свого дилера з продажу.*
- *Антену з електроприводом без релейної стійки не можна використовувати із цим пристроєм.*

Підключення запам'ятовуючої системи
Якщо підключено жовтий кабель постачання живлення, живлення завжди постачатиметься до запам'ятовуючої схеми навіть за вимкненого запалення.

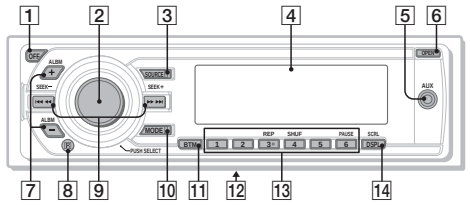
Примітка щодо підключення динаміка
- *Перед підключенням динаміків вимкніть пристрій.*
- *Використовуйте динаміки з повним опором від 4 до 8 Ом і з відповідною припустимою вхідною потужністю, щоб уникнути їх пошкодження.*
- *Не підключайте роз'єми динаміків до корпусу автомобіля і не з'єднуйте роз'єми правого і лівого динаміка.*
- *Не підключайте заземлений кабель цього пристрою до від'ємного (–) роз'єму динаміка.*
- *Не намагайтеся підключити динаміки паралельно.*
- *Підключайте лише пасивні динаміки. Підключення активних динаміків (із вбудованим підсилювачем) до рознімів динаміків може пошкодити пристрій.*
- *Щоб уникнути неправильної роботи пристрою, не використовуйте вбудований кабель динаміка, встановлений в автомобілі, якщо пристрій використовує спільно негативний (–) кабель для правого та лівого динаміків.*
- *Не підключайте кабелі динаміка пристрою один до одного.*

Примітка щодо підключення
Якщо динамік і підсилювач не підключено належним чином, на дисплеї відобразиться "FAILURE" (помилка). У такому випадку переконайтеся, що динамік і підсилювач підключено належним чином.

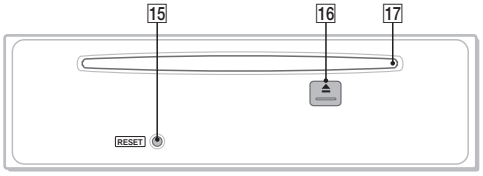
• Location of controls and basic operations (CDX-GT570/GT570S)

Location of controls and basic operations

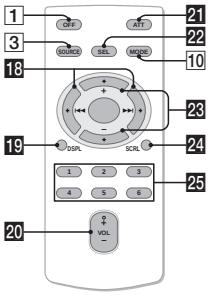
Main unit



Front panel removed



Card remote commander RM-X151



This section contains instructions on the location of controls and basic operations. For details, see the respective pages.
For optional device (CD/MD changer, etc.,) operation, see "Using optional equipment" on page 10. The corresponding buttons on the card remote commander control the same functions as those on the unit.

1 **OFF button**
To power off; stop the source.

2 **Volume control dial/select button** page 9
To adjust volume (rotate); select setup items (press and rotate).

3 **SOURCE button**
To power on; change the source (Radio/CD/AUX)*.

4 **Display window**

5 **AUX input jack** page 10
To connect a portable audio device.

6 **OPEN button** page 5

7 **ALBM +/– buttons** (during MP3/WMA playback)
To skip albums (press); skip albums continuously (press and hold).

8 **Receptor for the card remote commander**

9 **SEEK –/+ buttons**
CD:
To skip tracks (press); skip tracks continuously (press, then press again within about 1 second and hold); reverse/fast-forward a track (press and hold).
Radio:
To tune in stations automatically (press); find a station manually (press and hold).

10 **MODE button** page 8
To select the radio band (FM/MW/SW)*.

11 **BTM button** page 8
To start the BTM function (press and hold).

12 **Frequency select switch** (located on the bottom of the unit)
See "Frequency select switch" in the supplied installation/connections manual.

13 **Number buttons**
CD:
(3): **REP** page 8
(4): **SHUF** page 8
(6): **PAUSE**
To pause playback of a CD on this unit. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).

14 **DSPL (display)/SCRL (scroll) button** page 8
To change display items (press); scroll the display item (press and hold).

15 **RESET button** page 4

16 **⏏ (eject) button** page 5
To eject the disc.

17 **Disc slot** page 5
To insert the disc.

The following buttons on the card remote commander have also different buttons/functions from the unit. Remove the insulation film before use (page 4).

18 **⬅ (I◀◀)/➡ (▶▶I) buttons**
To control CD/radio, the same as (SEEK) –/+ on the unit.
Setup, sound setting, etc., can be operated by ⬅ ➡.

19 **DSPL (display) button**
To change display items.

20 **VOL (volume) +/– button**
To adjust volume.

21 **ATT (attenuate) button**
To attenuate the sound. To cancel, press again.

22 **SEL (select) button**
The same as the select button on the unit.

23 **⬆ (+)/⬇ (–) buttons**
To control CD, the same as (ALBM) +/– on the unit.
Setup, sound setting, etc., can be operated by ⬆⬇.

24 **SCRL (scroll) button**
To scroll the display item.

25 **Number buttons**
To receive stored stations (press); store stations (press and hold).

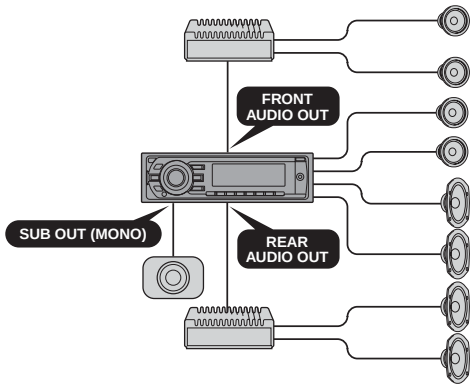
** In the case of a CD/MD changer being connected; when (SOURCE) is pressed, the connected device ("MD") will appear in the display, depending on which device is connected. Furthermore, if (MODE) is pressed, you can switch the changer.*

Note
If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless (SOURCE) on the unit is pressed, or a disc is inserted to activate the unit first.

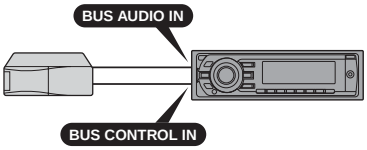
• Connections (CDX-GT570/GT570S)

2

A



B



Connection example 2

***Notes* (2-A)**
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

***Tip* (2-B)**
When connecting only a single CD/MD changer or other optional device, connect directly to this unit.

Ejemplo de conexión 2

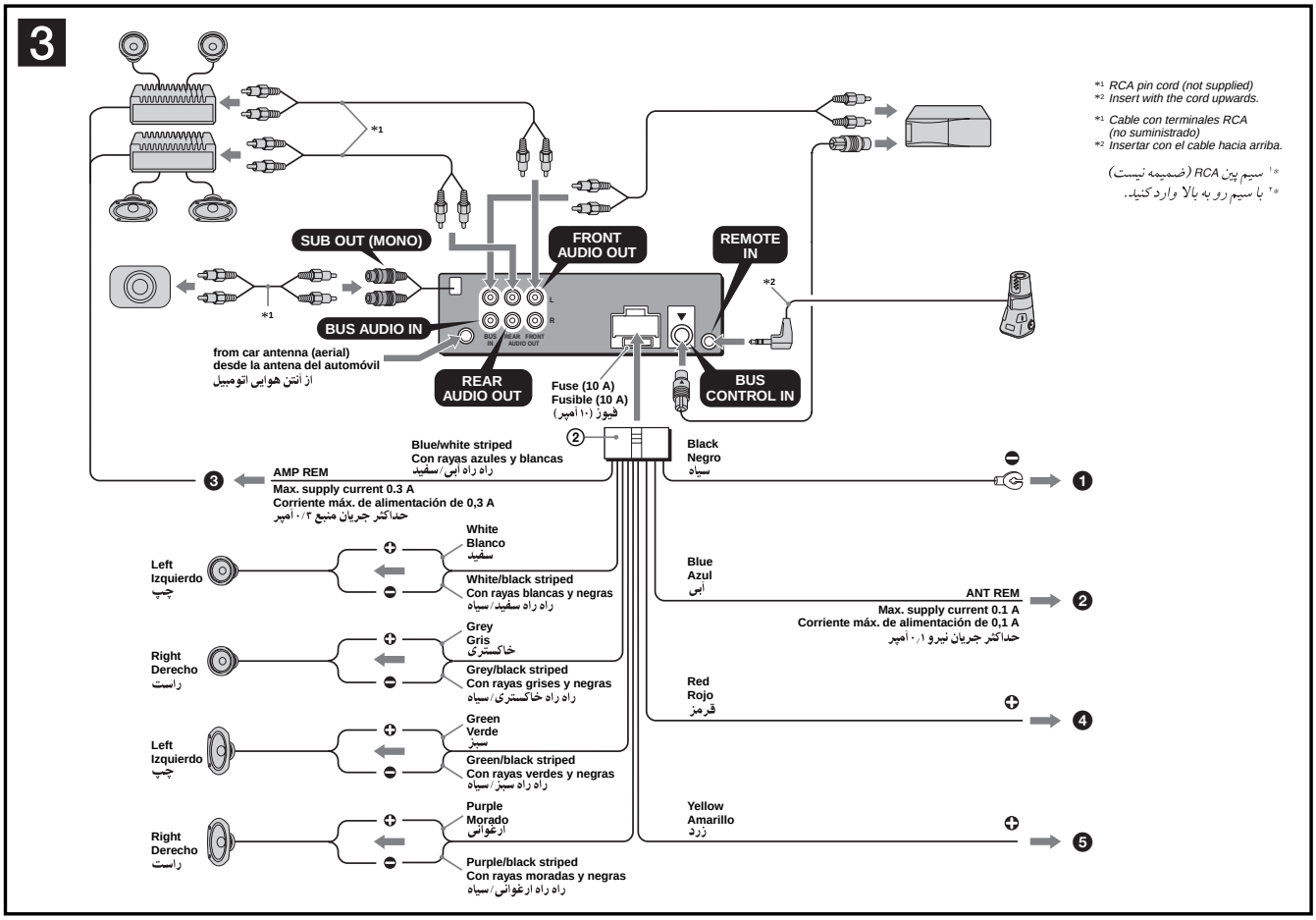
***Notas* (2-A)**
- *Asegúrese de conectar primero el cable de conexión a masa antes de realizar la conexión del amplificador.*
- *La alarma sonará solamente si se utiliza el amplificador integrado.*

***Sugerencia* (2-B)**
Cuando conecte un solo cambiador de CD/MD u otro dispositivo opcional, hágalo directamente a esta unidad.

نمونه اتصال 2

نکات (2-A)
- *اطمینان حاصل کنید که سیم زمین (ارث) را پیش از وصل کردن تقویت کننده وصل کنید.*
- *تنها در صورتی که تقویت کننده داخلی مورد استفاده قرار گیرد زنگ به صدا در خواهد آمد.*

اشاره (2-B)
هنگام اتصال تنها یک مبدل CD/MD یا دستگاه اختیاری دیگر، مستقیما به این دستگاه وصل کنید.



Connection diagram 3

❶ **To a metal surface of the car**
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.

❷ **To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster**
Notes
- *It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).*
- *When your car has a built-in FM/MW/SW antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❸ **To AMP REMOTE IN of an optional power amplifier**
This connection is only for amplifiers. Connecting any other system may damage the unit.

❹ **To the +12 V power terminal which is energized in the accessory position of the ignition switch**
Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.*
- *When your car has a built-in FM/MW/SW antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❺ **To the +12 V power terminal which is energized at all times**
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/MW/SW antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Diagrama de conexión 3

❶ **A una superficie metálica del automóvil**
Conecte primero el cable de conexión a masa negro, y después los cables amarillo y rojo de entrada de alimentación.

❷ **Al cable de control de la antena motorizada o al cable de fuente de alimentación del amplificador de señal de la antena**
Notas
- *Si no se dispone de antena motorizada ni de amplificador de antena, o se utiliza una antena telescópica accionada manualmente, no será necesario conectar este cable.*
- *Si el automóvil dispone de una antena de FM/MW/SW integrada en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❸ **A AMP REMOTE IN de un amplificador de potencia opcional**
Esta conexión es solamente para amplificadores. La conexión de cualquier otro sistema puede dañar la unidad.

❹ **Al terminal de alimentación de +12 V que recibe energía en la posición de accesorios del interruptor de la llave de la llave de encendido**
Notas
- *Si no hay posición de accesorios, conéctelo al terminal de alimentación (batería) de +12 V que recibe energía sin interrupción.*
  Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
- *Si el automóvil dispone de una antena de FM/MW/SW integrada en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❺ **Al terminal de alimentación de +12 V que recibe energía sin interrupción**
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.

Notas sobre los cables de control y de fuente de alimentación
- *El cable de control de la antena motorizada (azul) suministrará cc de + 12 V cuando conecte la alimentación del sintonizador.*
- *Si el automóvil dispone de una antena de FM/MW/SW integrada en el cristal trasero o lateral, conecte el cable de control de antena motorizada (azul) o el cable de entrada de alimentación auxiliar (rojo) al terminal de alimentación del amplificador de antena existente. Para obtener más información, consulte a su distribuidor.*
- *Con esta unidad no es posible utilizar una antena motorizada sin caja de relé.*

Conexión para protección de la memoria
Si conecta el cable de entrada de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague el interruptor de la llave de encendido.

Notas sobre la conexión de los altavoces
- *Antes de conectar los altavoces, desconecte la alimentación de la unidad.*
- *Utilice altavoces con una impedancia de 4 a 8 Ω con la capacidad de potencia adecuada para evitar que se dañen.*
- *No conecte los terminales de altavoz al chasis del automóvil, ni conecte los terminales del altavoz derecho con los del izquierdo.*
- *No conecte el cable de conexión a masa de esta unidad al terminal negativo (–) del altavoz.*
- *No intente conectar los altavoces en paralelo.*
- *Conecte solamente altavoces pasivos. Si conecta altavoces activos (con amplificadores integrados) a los terminales de altavoz, puede dañar la unidad.*
- *Para evitar fallas de funcionamiento, no utilice los cables de altavoz integrados instalados en el automóvil si la unidad comparte un cable negativo común (–) para los altavoces derecho e izquierdo.*
- *No conecte los cables de altavoz de la unidad entre sí.*

Nota sobre la conexión
Si el altavoz y el amplificador no están conectados correctamente, aparecerá "FAILURE" en la pantalla. Si es así, compruebe la conexión de ambos dispositivos.

نمودار اتصال 3

❶ **به یک سطح فلزی اتومبیل**
ابتدا سیم سیاه زمین را وصل کنید، سپس سیم های ورودی زرد و قرمز را وصل کنید.

❷ **به سیم کنترل آنتن هوایی برقی یا سیم منبع برق تقویت کننده هوایی**
نکات
- *در صورتی که آنتن هوایی برقی یا تقویت کننده هوایی وجود ندارد، یا با یک آنتن هوایی تلسکوپی دستی وصل کردن این سیم ضروری نیست.*
- *هنگامی که اتومبیل شما دارای یک آنتن هوایی FM/MW/SW در شیشه عقبی/کناری می باشد، " نکات در مورد سیم های کنترل و منبع برق" را ملاحظه نمایید.*

❸ **به AMP REMOTE IN یک تقویت کننده نیرو اختیاری**
این اتصال تنها برای تقویت کننده ها است. وصل کردن هر سیستم دیگری ممکن است دستگاه را خراب کند.

❹ **به ترمینال برق +۱۲ ولت که در موقعیت جانبی کلید احتراق نیرو می گیرد**
نکات
- *اگر هیچ موقعیت جانبی وجود ندارد، به ترمینال برق (باطری) +۱۲ ولت که همواره نیرو می گیرد وصل کنید. اطمینان حاصل کنید که ابتدا سیم سیاه زمین را به سطح فلزی اتومبیل وصل کنید.*
- *هنگامی که اتومبیل شما دارای یک آنتن هوایی FM/MW/SW در شیشه عقبی/کناری می باشد، " نکات در مورد سیم های کنترل و منبع برق" را ملاحظه نمایید.*

❺ **به ترمینال برق +۱۲ ولت که همواره نیرو می گیرد**
اطمینان حاصل کنید که ابتدا سیم سیاه زمین را به سطح فلزی اتومبیل وصل کنید.

نکات در مورد سیم های کنترل و منبع برق
- *هنگامی که شما موج یاب را روشن می کنید سیم کنترل آنتن هوایی برقی (آبی) برق مستقیم ۱۲+ ولت را تامین می کند.*
- *هنگامی که اتومبیل شما دارای یک آنتن هوایی FM/MW/SW در شیشه عقبی/کناری می باشد، سیم کنترل آنتن هوایی برقی (آبی) یا سیم منبع برق جانبی (قرمز) را به ترمینال برق تقویت کننده آنتن هوایی موجود وصل کنید. برای جزئیات، با فروشنده خود مشورت نمایید.*
- *یک آنتن هوایی بدون یک ایستگاه تقویت نمی تواند با این دستگاه مورد استفاده قرار گیرد.*

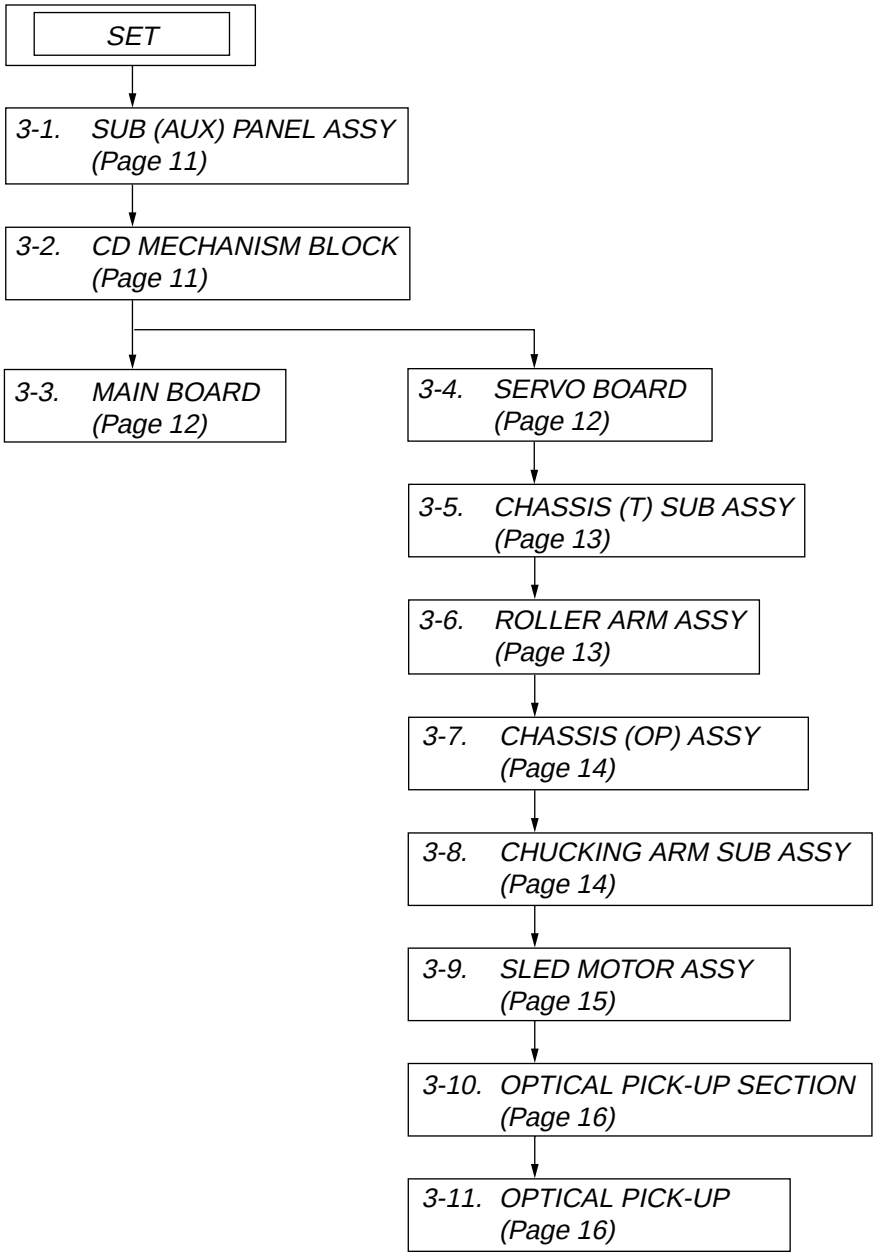
اتصال حفظ حافظه
هنگامی که سیم منبع برق زرد وصل می شود، برق همیشه به مدار حافظه حتی هنگامی که سوئیچ احتراق خاموش است تامین خواهد شد.

نکات در مورد اتصال بلندگو
- *پیش از وصل کردن بلندگوها، دستگاه را خاموش کنید.*
- *از بلندگوها با امپدانس ۴ تا ۸ اهم، و با ظرفیت بالای برق استفاده کنید تا از صدمه به آن جلوگیری کنید.*
- *ترمینال های بلندگو را به شاسی اتومبیل وصل نکنید، یا ترمینال های بلندگوهای راست را به ترمینال های بلندگوهای چپ وصل نکنید.*
- *سیم زمین این دستگاه را به ترمینال منفی (–) بلندگو وصل نکنید.*
- *سعی نکنید بلندگوها را بطور موازی وصل کنید.*
- *تنها بلندگوهای غیر فعال را وصل کنید. وصل کردن بلندگوهای فعال (با تقویت کننده های داخلی) به ترمینال های بلندگو ممکن است به دستگاه صدمه وارد کند.*
- *برای اجتناب از یک سوء عملکرد، از سیم های بلندگوی داخلی نصب شده در اتومبیل خود در صورتی که دستگاه دارای یک سیم منفی (–) مشترک برای بلندگوهای راست و چپ می باشد استفاده نکنید.*
- *سیم های بلندگوی دستگاه را به یکدیگر وصل نکنید.*

نکته در مورد اتصال
اگر بلندگو بطور صحیح وصل نشده باشد، "FAILURE" در صفحه نمایش ظاهر می شود. در چنین حالتی، اطمینان حاصل کنید که بلندگو بطور صحیح نصب شده است.

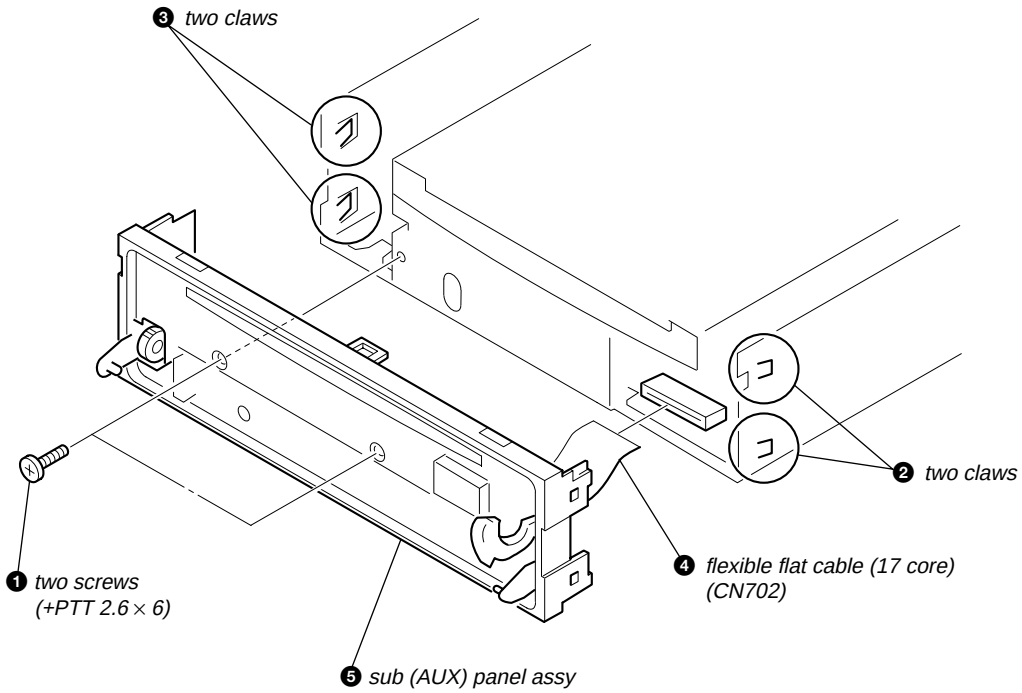
SECTION 3
DISASSEMBLY

Note: This set can be disassemble according to the following sequence.

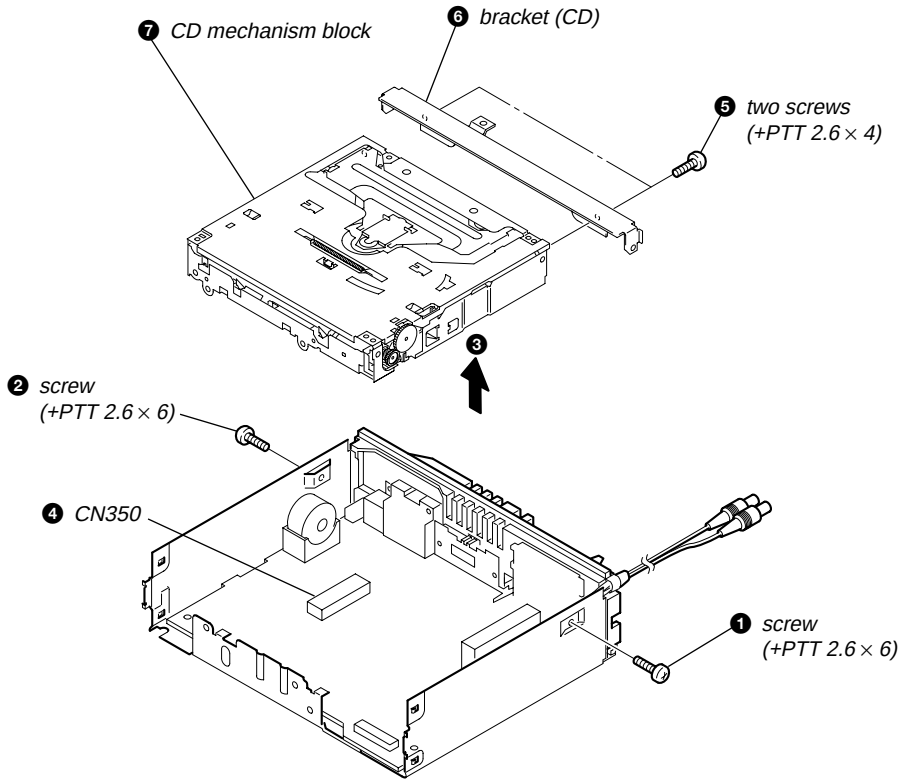

SET
3-1. SUB (AUX) PANEL ASSY (Page 11)
3-2. CD MECHANISM BLOCK (Page 11)
3-3. MAIN BOARD (Page 12)
3-4. SERVO BOARD (Page 12)
3-5. CHASSIS (T) SUB ASSY (Page 13)
3-6. ROLLER ARM ASSY (Page 13)
3-7. CHASSIS (OP) ASSY (Page 14)
3-8. CHUCKING ARM SUB ASSY (Page 14)
3-9. SLED MOTOR ASSY (Page 15)
3-10. OPTICAL PICK-UP SECTION (Page 16)
3-11. OPTICAL PICK-UP (Page 16)

Note: Follow the disassembly procedure in the numerical order given.

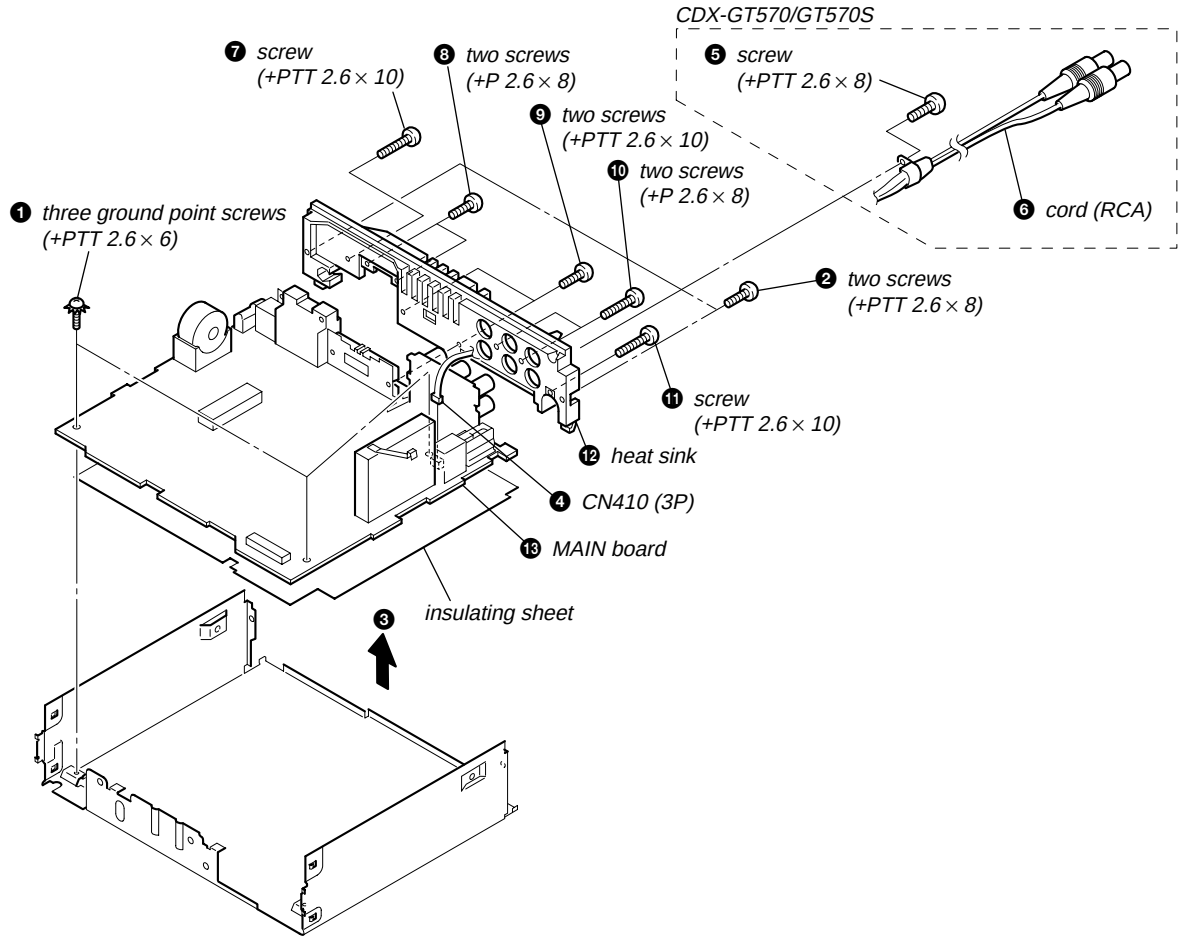
3-1. SUB (AUX) PANEL ASSY



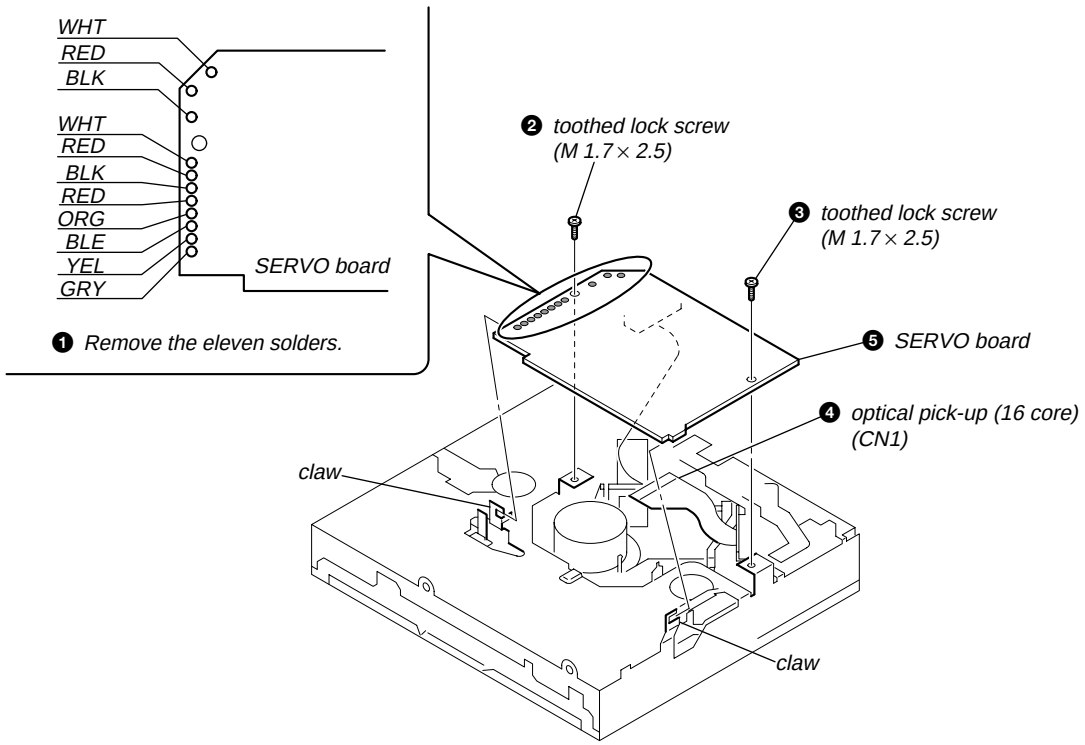
3-2. CD MECHANISM BLOCK



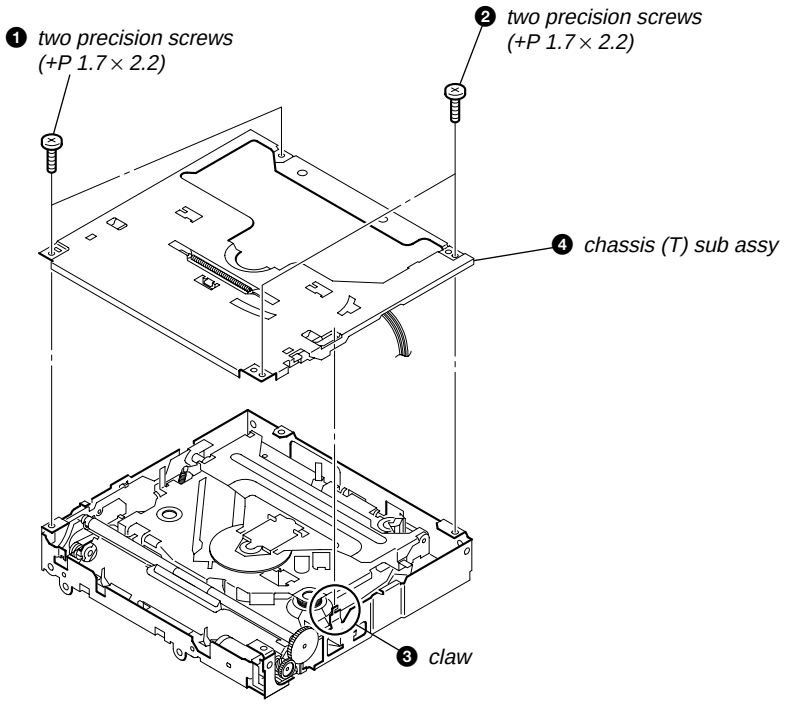
3-3. MAIN BOARD


CDX-GT570/GT570S
❼ screw (+PTT 2.6 × 10)
❽ two screws (+P 2.6 × 8)
❺ screw (+PTT 2.6 × 8)
❾ two screws (+PTT 2.6 × 10)
❿ two screws (+P 2.6 × 8)
❻ cord (RCA)
❶ three ground point screws (+PTT 2.6 × 6)
❷ two screws (+PTT 2.6 × 8)
⓫ screw (+PTT 2.6 × 10)
⓬ heat sink
❹ CN410 (3P)
⓭ MAIN board
insulating sheet
❸

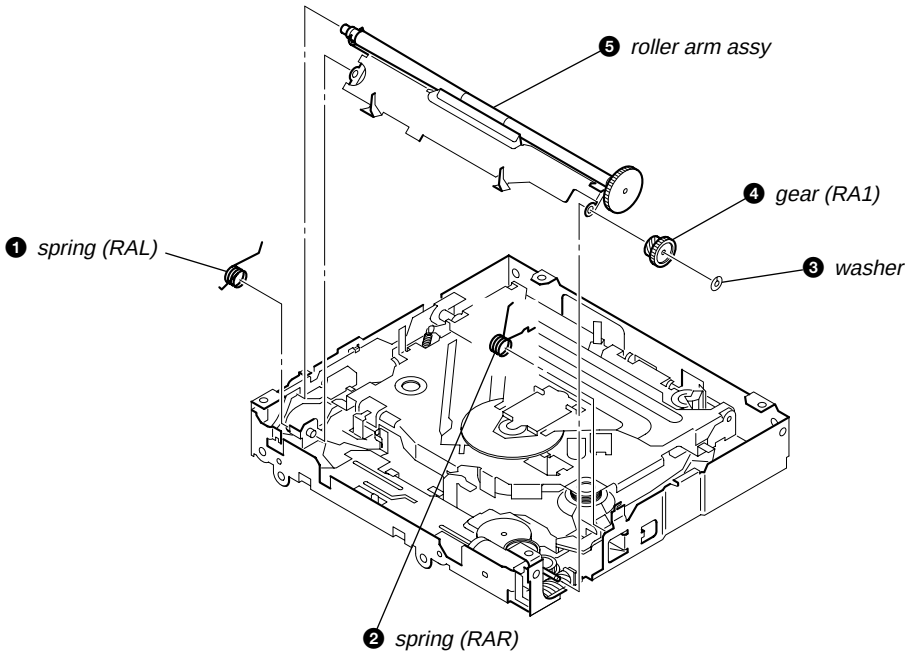
3-4. SERVO BOARD



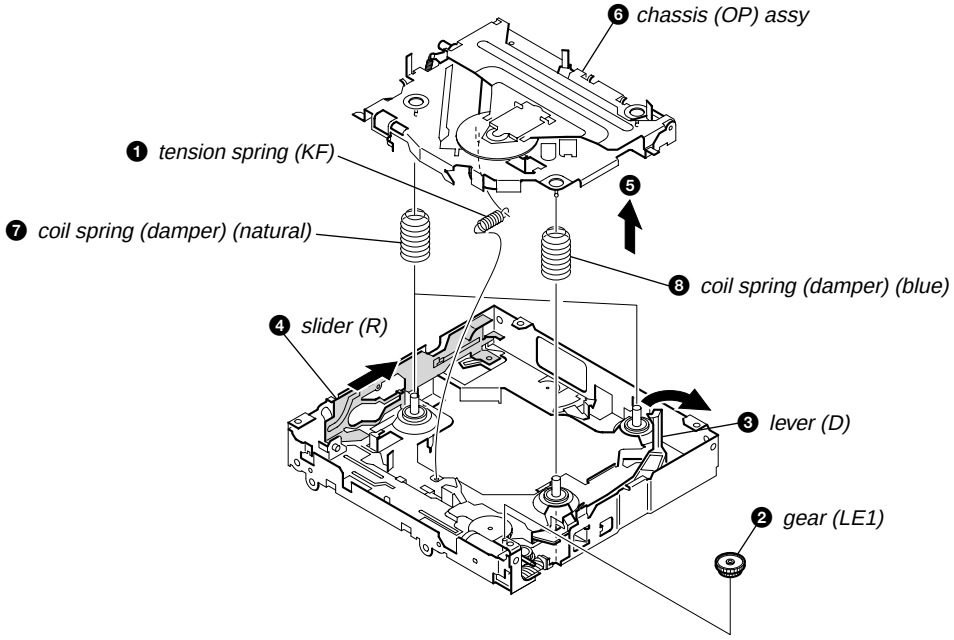
3-5. CHASSIS (T) SUB ASSY



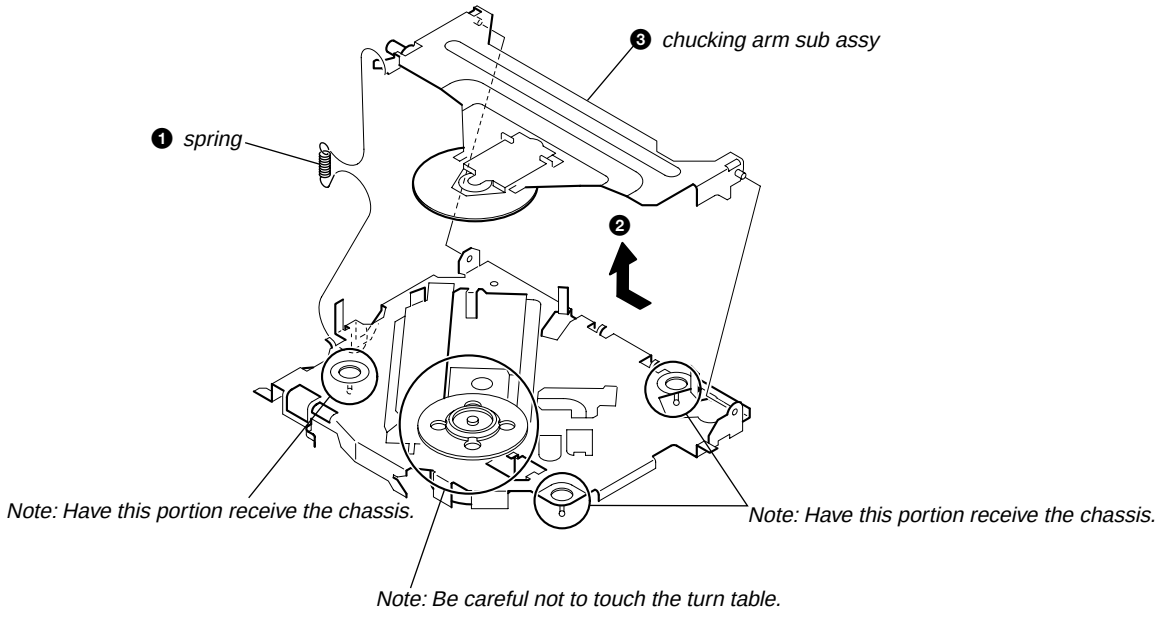
3-6. ROLLER ARM ASSY



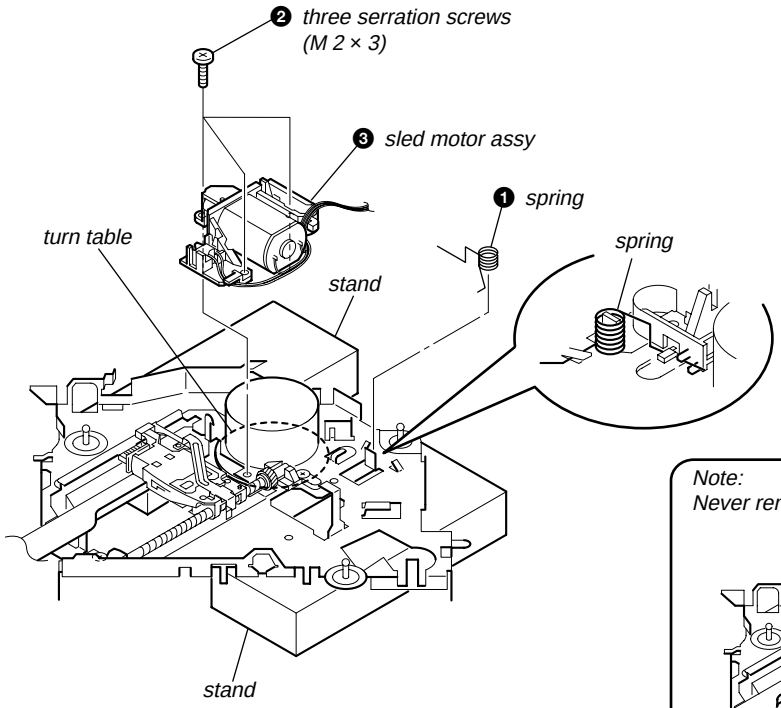
3-7. CHASSIS (OP) ASSY



3-8. CHUCKING ARM SUB ASSY

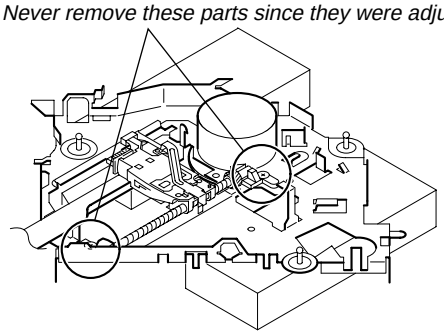

❸ chucking arm sub assy
❶ spring
❷
Note: Have this portion receive the chassis.
Note: Have this portion receive the chassis.
Note: Be careful not to touch the turn table.

3-9. SLED MOTOR ASSY

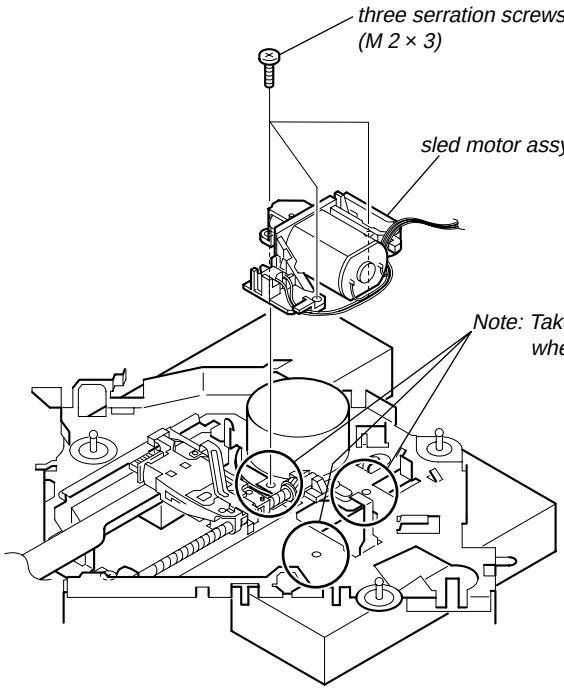


Note: Place the stand with care not to touch the turn table.

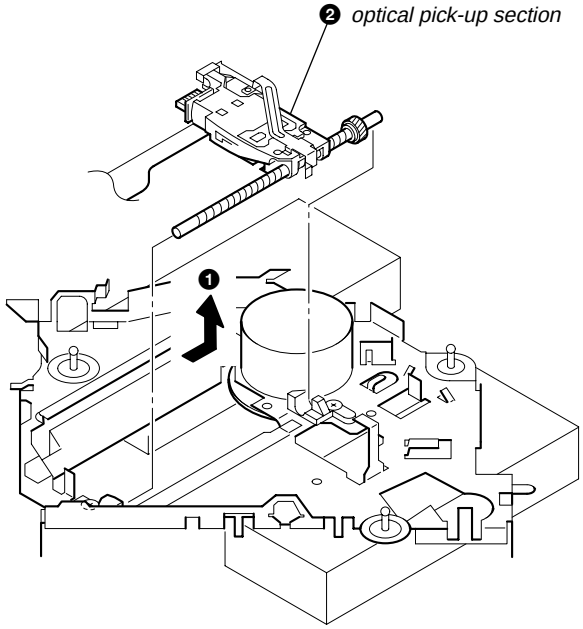
Note:
Never remove these parts since they were adjusted.

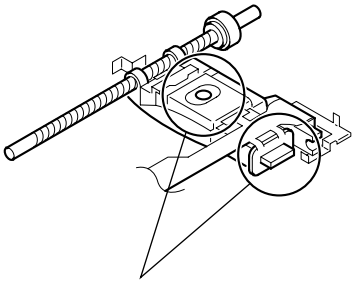


Note for Assembly


three serration screws
(M 2 × 3)
sled motor assy
Note: Take care to prevent the chassis from being bent
when tightening the three machine screws.

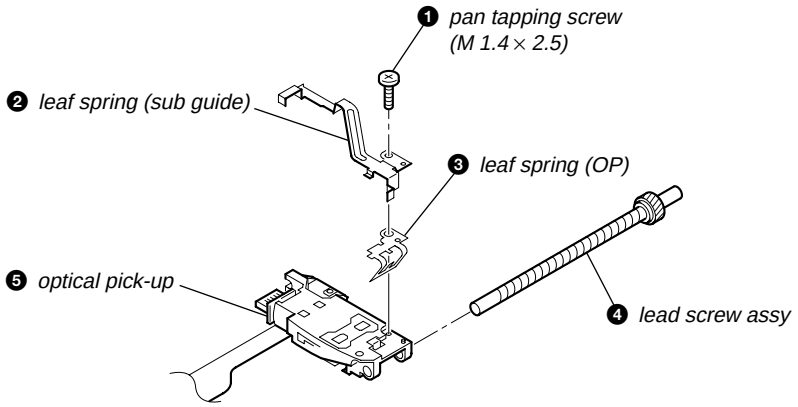
3-10. OPTICAL PICK-UP SECTION



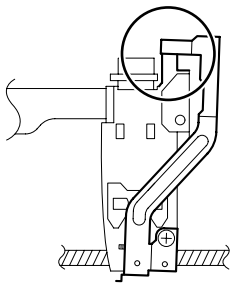


Note: Be careful not to touch the lens and hologram terminal when removing the optical pick-up section.

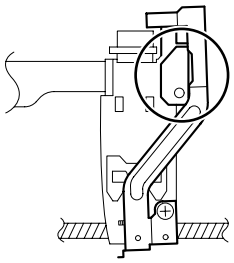
3-11. OPTICAL PICK-UP



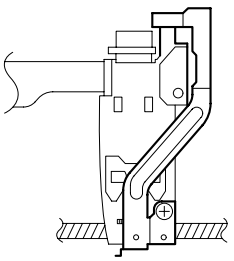
Notes for Assembly



Prevent the end of the leaf spring (sub guide) from being in contact with the OP slide base.



Prevent the end of the leaf spring (sub guide) from being in contact with the OP slide base.



There is space at the end of the leaf spring (sub guide) to avoid contact with the slide.

SECTION 4
DIAGNOSIS FUNCTION

Description of the Diagnostics function:

1. Setting the Diag display mode

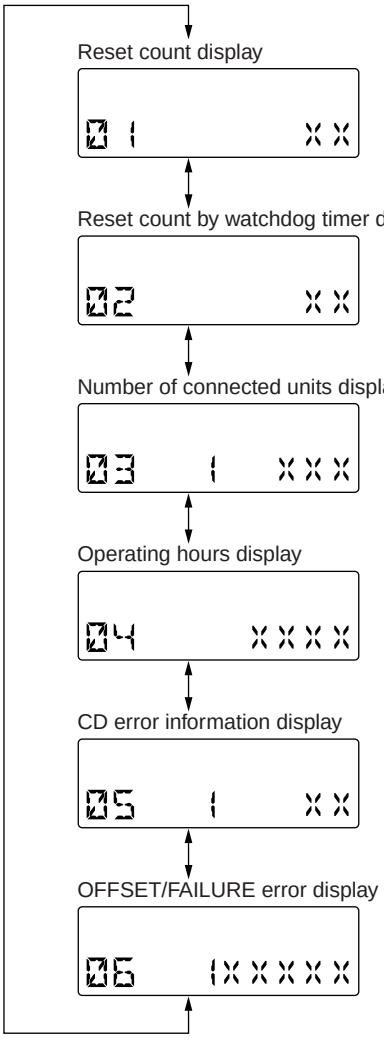
With the power off, press the [4/SHUF] button, [5] button, and [4/SHUF] button on the set body or the remote control (for more than 2 seconds) in turn.

2. Canceling the Diag display mode

During the Diag function mode, press the [OFF] button.

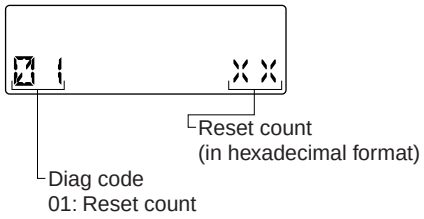
3. Initial display in the Diag display mode

Just when the Diag mode is entered, "reset count" is displayed. The display mode is switched by each rotation of [SEEK +/▶▶ ▶▶I] or [SEEK –/I◀◀ ◀◀] buttons.

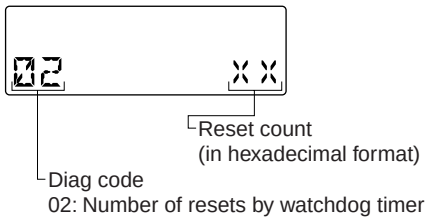


4. Contents of each display mode

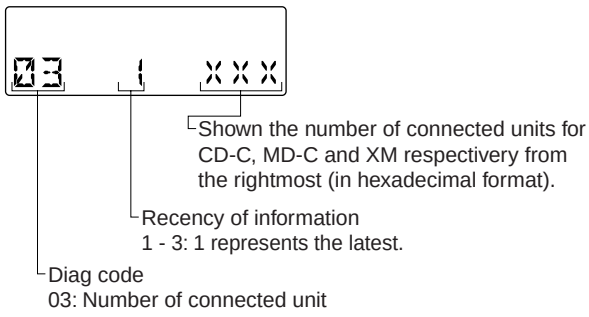
4-1. Reset count display mode



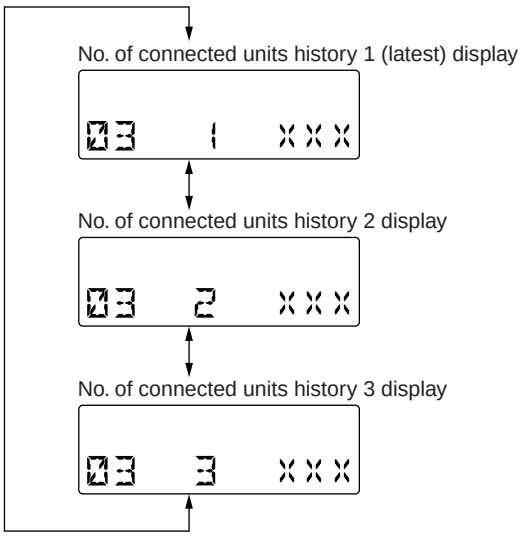
4-2. Reset count by watchdog timer display mode



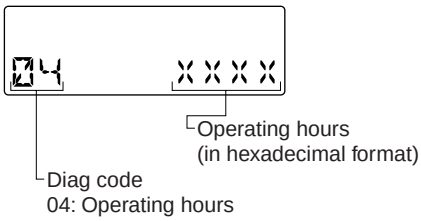
4-3. Number of connected units display mode


03 1 XXX
Shown the number of connected units for CD-C, MD-C and XM respectivery from the rightmost (in hexadecimal format).
Recency of information
1 - 3: 1 represents the latest.
Diag code
03: Number of connected unit

The display mode is switched by each rotation of [ALBM +] or [ALBM −] buttons during the number of connected units display mode.

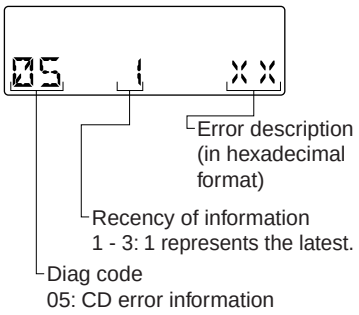

No. of connected units history 1 (latest) display
03 1 XXX
No. of connected units history 2 display
03 2 XXX
No. of connected units history 3 display
03 3 XXX

4-4. Operating hours display mode



4-5. CD error information display mode

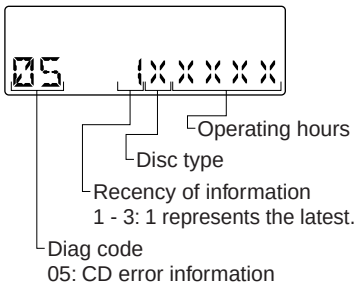
4-5-1. Error description



Error information

Indication	Description
1X	SERVO ERROR
3X	LOADING ERROR
4X	TRACK JUMP
5X	TEXT ERROR
FX	MECHA ERROR

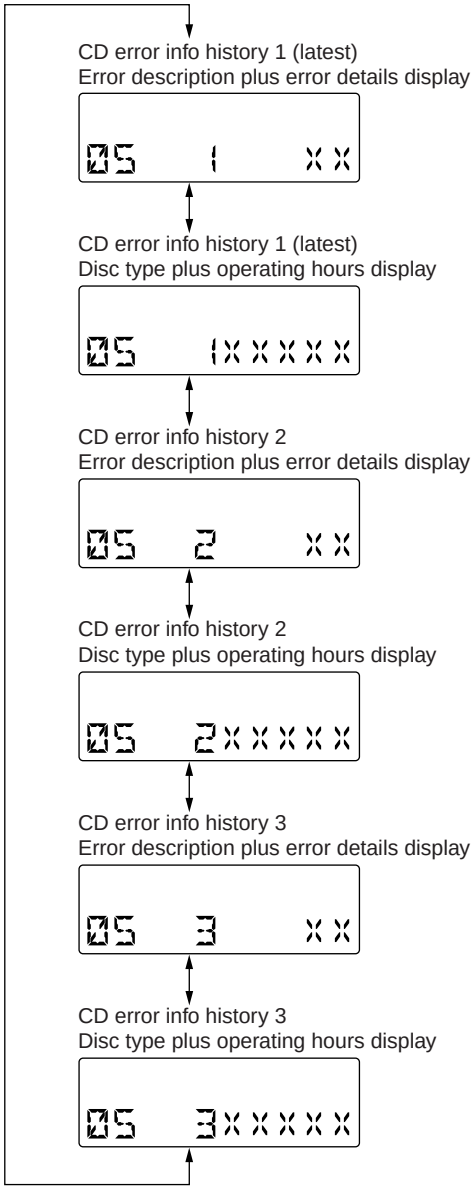
4-5-2. Disc type and operating hours



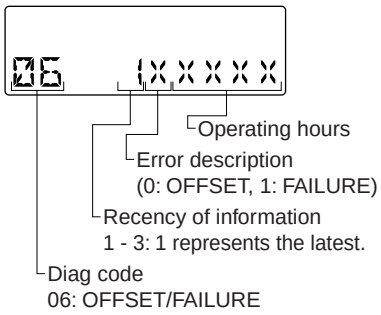
Disc type

Indication	Disc type
0	MP3
1	WMA
2	AAC
3	ATRAC
8	CD-DA
F	UNKNOWN

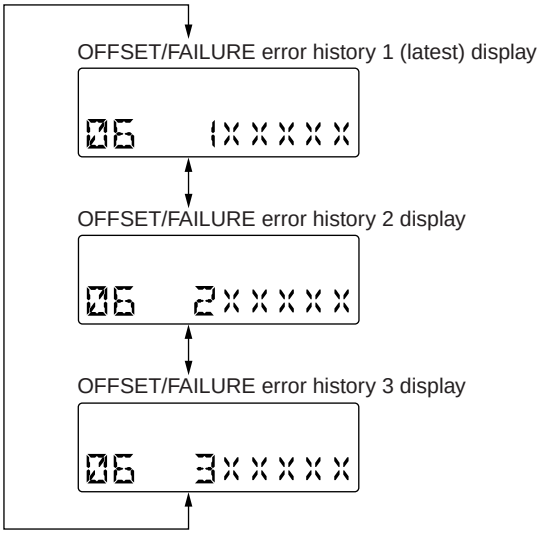
The display mode is switched by each rotation of [ALBM +] or [ALBM −] buttons during the CD error information display mode.


CD error info history 1 (latest)
Error description plus error details display
05 1 XX
CD error info history 1 (latest)
Disc type plus operating hours display
05 1XXXXX
CD error info history 2
Error description plus error details display
05 2 XX
CD error info history 2
Disc type plus operating hours display
05 2XXXXX
CD error info history 3
Error description plus error details display
05 3 XX
CD error info history 3
Disc type plus operating hours display
05 3XXXXX

4-6. OFFSET/FAILURE error display mode



The display mode is switched by each rotation of ALBM + or ALBM − buttons during the OFFSET/FAILURE error display mode.



SECTION 5
DIAGRAMS

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

for schematic diagram:

Note:

- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- ▬ : B+ Line.
- ▬ ▬ : B– Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : MW
  < > : CD
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : CD
  ⇨ : FM
  ➡ : MW
  ⇨ : AUDIO
  ⇨ : AUX
- Abbreviation
  CH : Chinese model
  IND : Indian model
  MX : Mexican model

for printed wiring boards:

Note:

- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ○ : Through hole.
- ▬ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

Caution:
Pattern face side: (Side B) Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A) Parts on the parts face side seen from the parts face are indicated.

- Abbreviation
  CH : Chinese model
  IND : Indian model
  MX : Mexican model

• Waveforms

— MAIN Board —

① IC50 ⑨ (XTI) (CDX-GT527EE only)

8.664 MHz

1 V/DIV, 50 nsec/DIV

② IC501 ⑲ (XOUT)

32.768 kHz

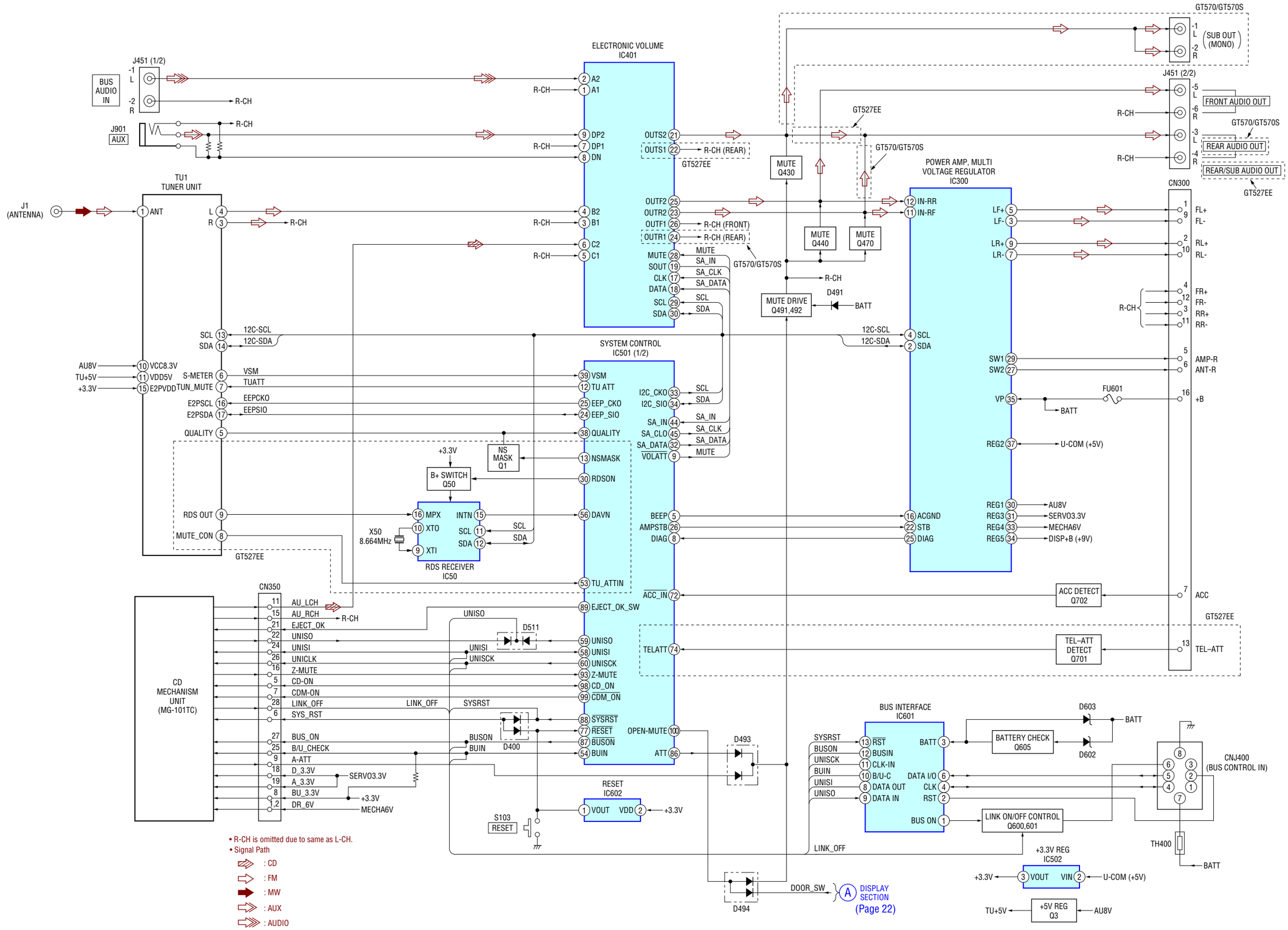
1 V/DIV, 50 nsec/DIV

③ IC501 ㉓ (OSCOUT)

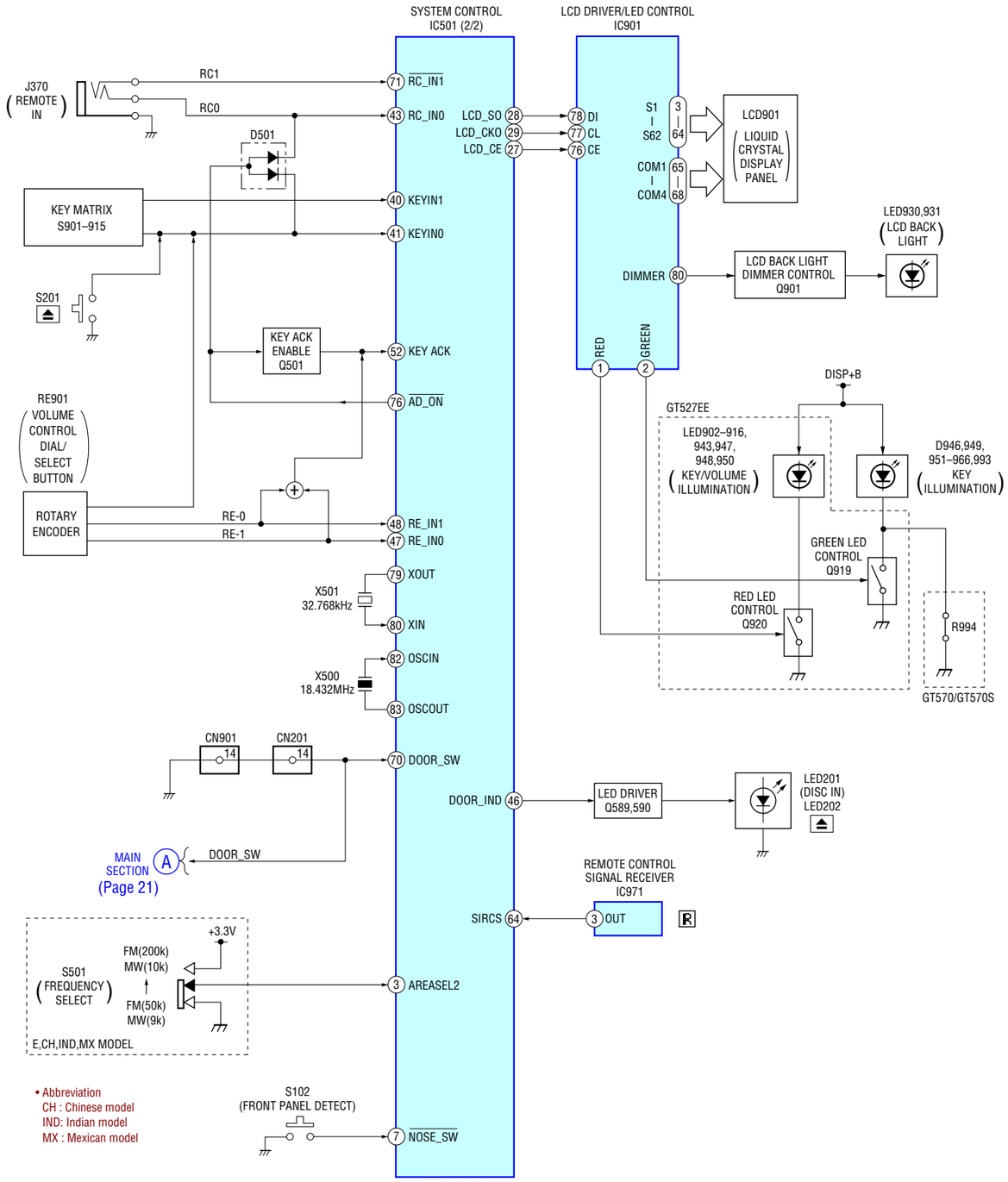
18.432 MHz

1 V/DIV, 50 nsec/DIV

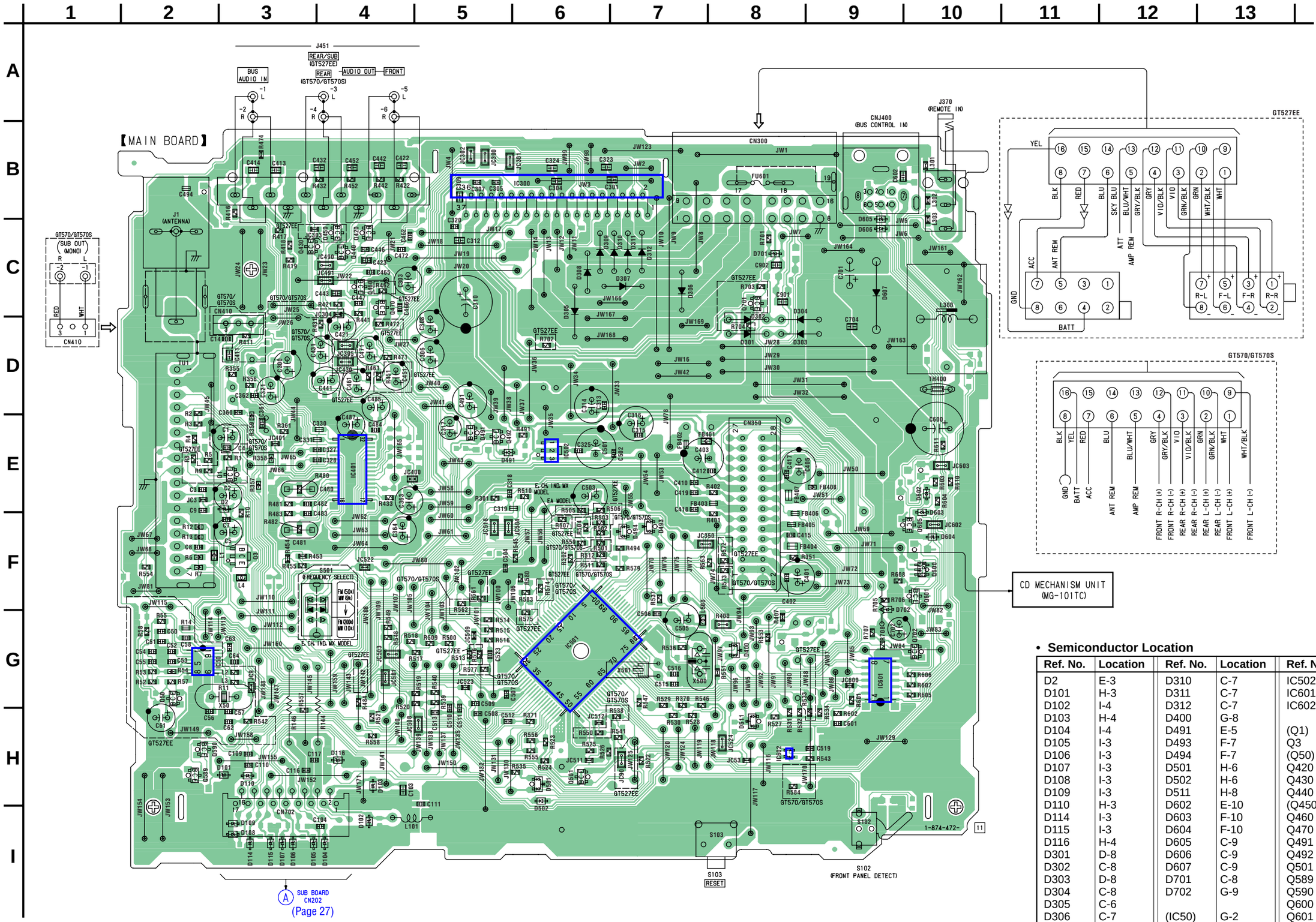
5-1. BLOCK DIAGRAM — MAIN SECTION —



5-2. BLOCK DIAGRAM — DISPLAY SECTION —



5-3. PRINTED WIRING BOARD — MAIN SECTION — : Uses unleaded solder.

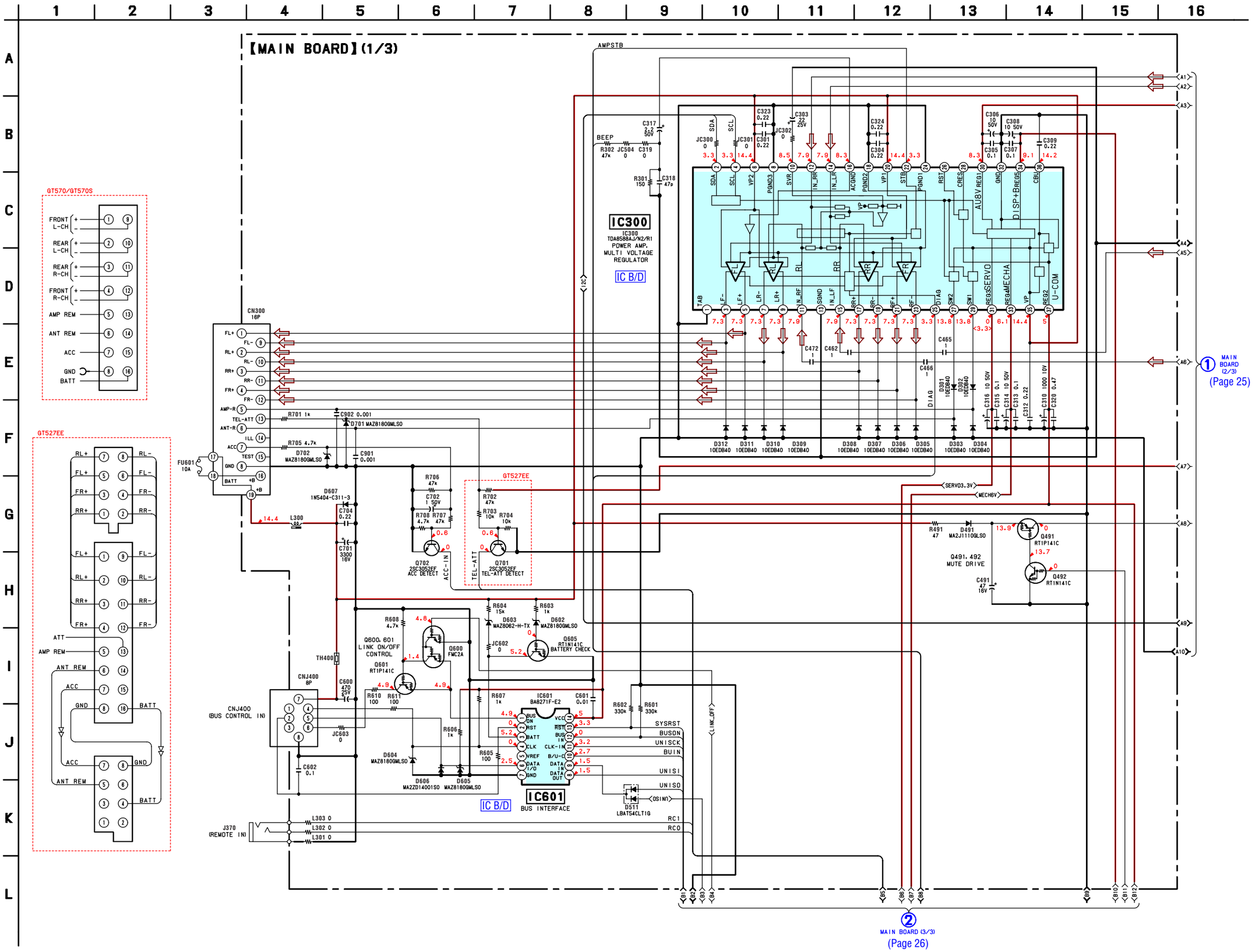


- **Semiconductor Location**

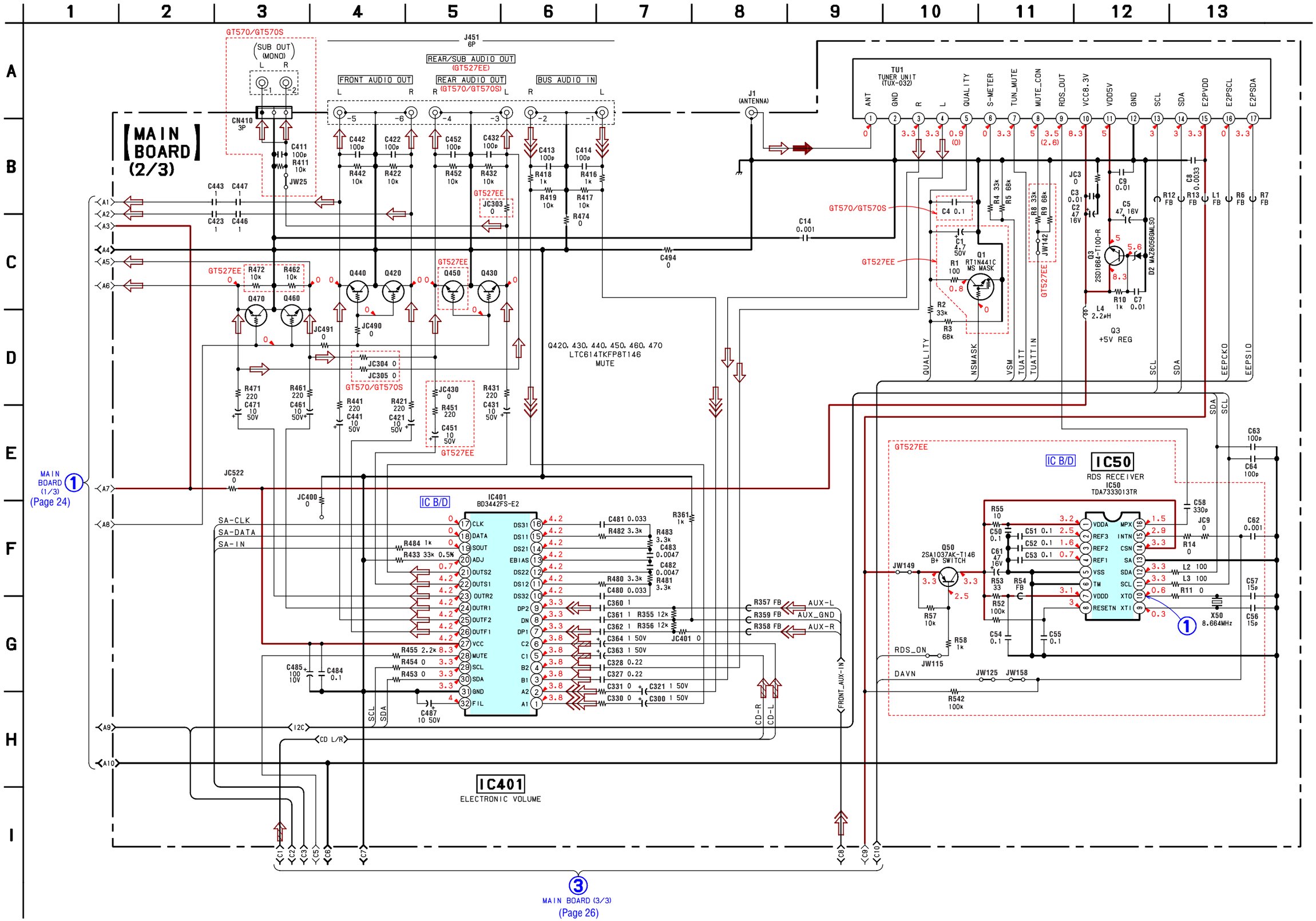
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D2	E-3	D310	C-7	IC502	E-6
D101	H-3	D311	C-7	IC601	G-9
D102	I-4	D312	C-7	IC602	H-8
D103	H-4	D400	G-8		
D104	I-4	D491	E-5	(Q1)	E-3
D105	I-3	D493	F-7	Q3	F-3
D106	I-3	D494	F-7	(Q50)	G-2
D107	I-3	D501	H-6	Q420	C-4
D108	I-3	D502	H-6	Q430	C-3
D109	I-3	D511	H-8	Q440	C-4
D110	H-3	D602	E-10	(Q450)	C-4
D114	I-3	D603	F-10	Q460	C-4
D115	I-3	D604	F-10	Q470	C-4
D116	H-4	D605	C-9	Q491	E-5
D301	D-8	D606	C-9	Q492	E-5
D302	C-8	D607	C-9	Q501	H-6
D303	D-8	D701	C-8	Q589	H-2
D304	C-8	D702	G-9	Q590	H-2
D305	C-6			Q600	F-10
D306	C-7	(IC50)	G-2	Q601	F-10
D307	C-7	IC300	B-6	Q605	F-10
D308	C-6	IC401	E-4	(Q701)	C-8
D309	C-6	IC501	G-6	Q702	G-10

( ): CDX-GT527EE only

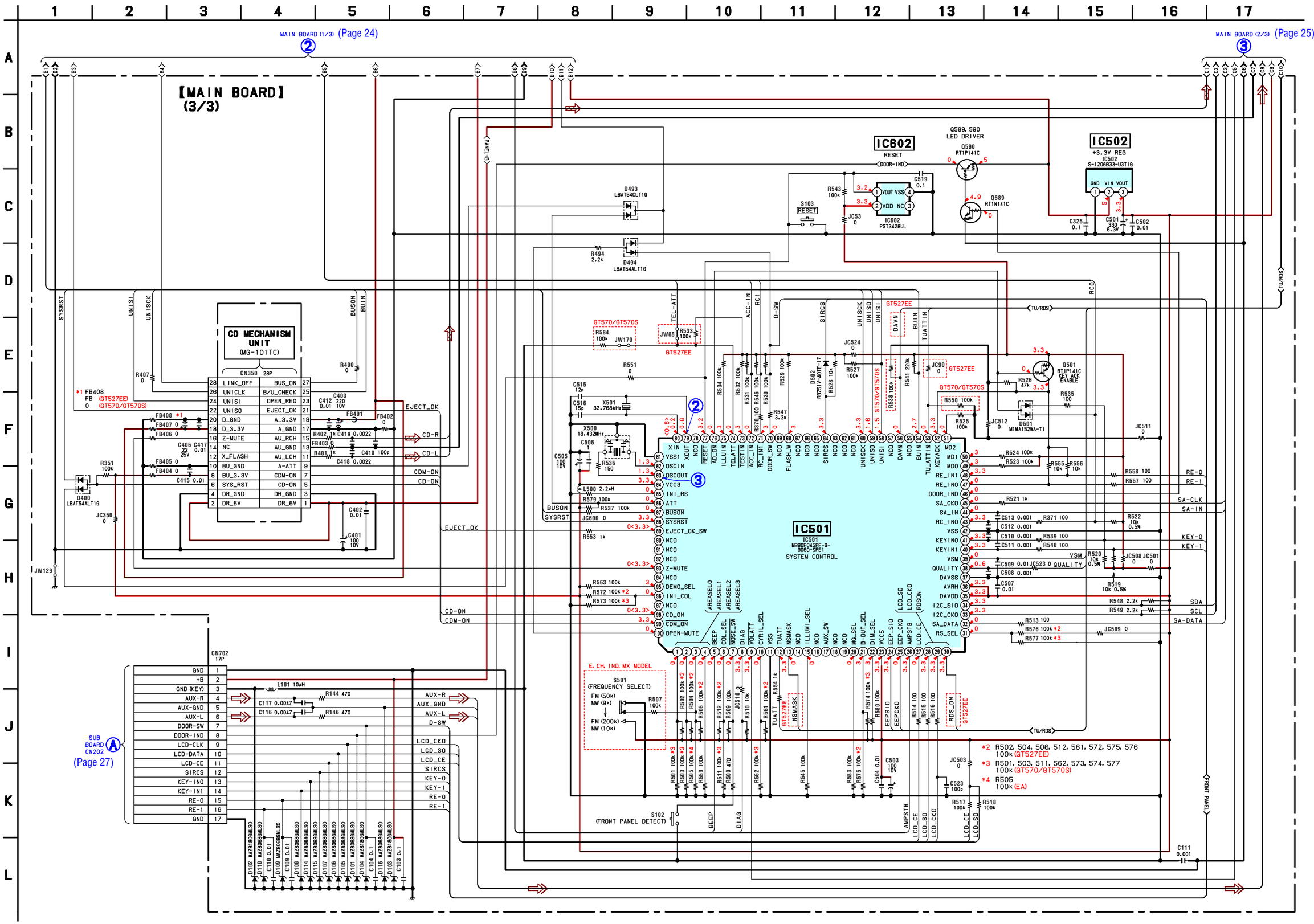
5-4. SCHEMATIC DIAGRAM — MAIN SECTION (1/3) — • Refer to page 30 for IC Block Diagrams.



5-5. SCHEMATIC DIAGRAM — MAIN SECTION (2/3) — • Refer to page 20 for Waveforms and page 30 for IC Block Diagrams.

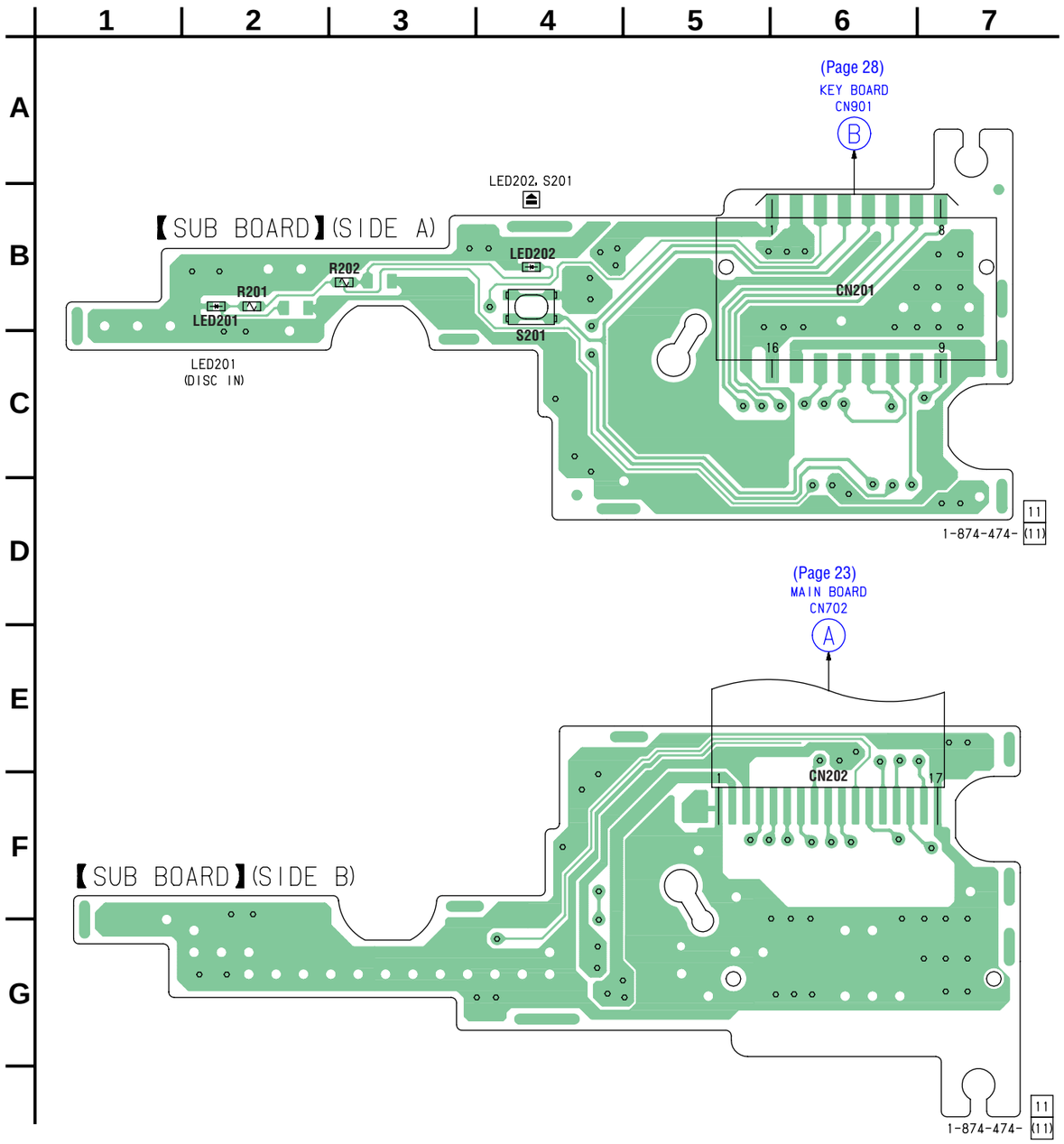


5-6. SCHEMATIC DIAGRAM — MAIN SECTION (3/3) — • Refer to page 20 for Waveforms and page 31 for IC Pin Description.

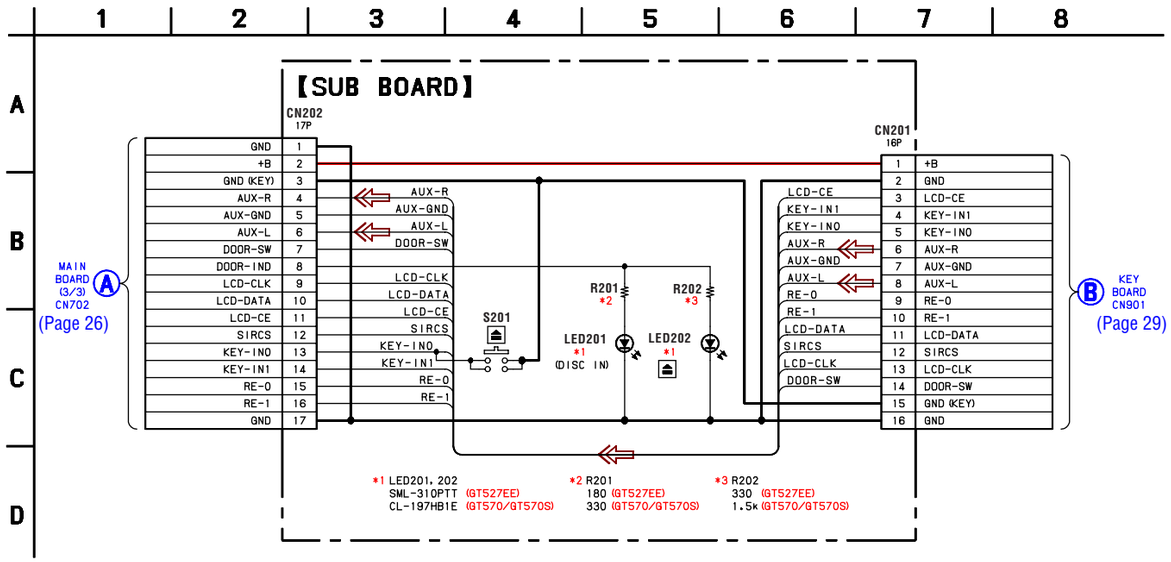


5-7. PRINTED WIRING BOARD — SUB SECTION —

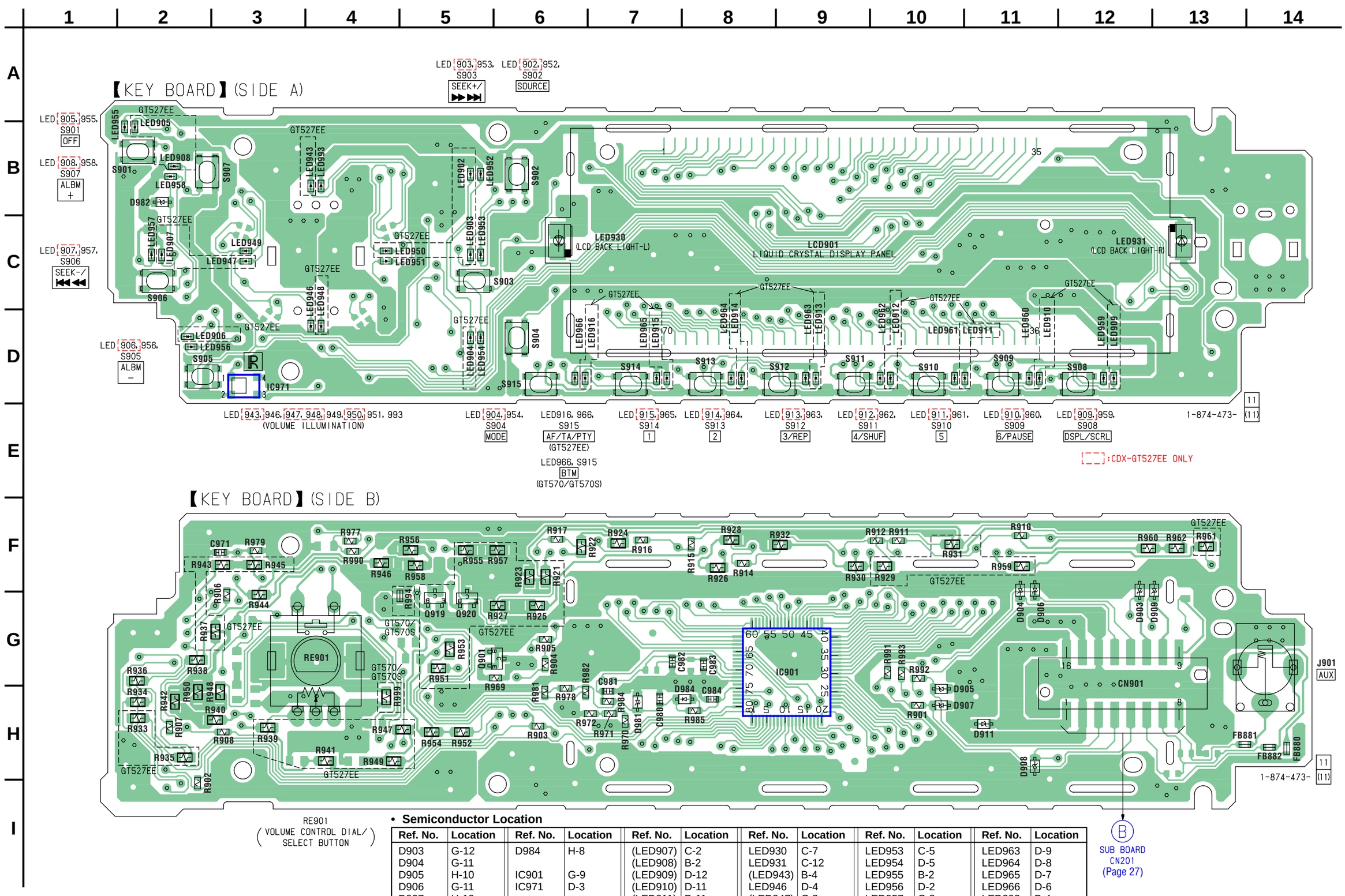
: Uses unleaded solder.



5-8. SCHEMATIC DIAGRAM — SUB SECTION —



5-9. PRINTED WIRING BOARD — DISPLAY SECTION — : Uses unleaded solder.

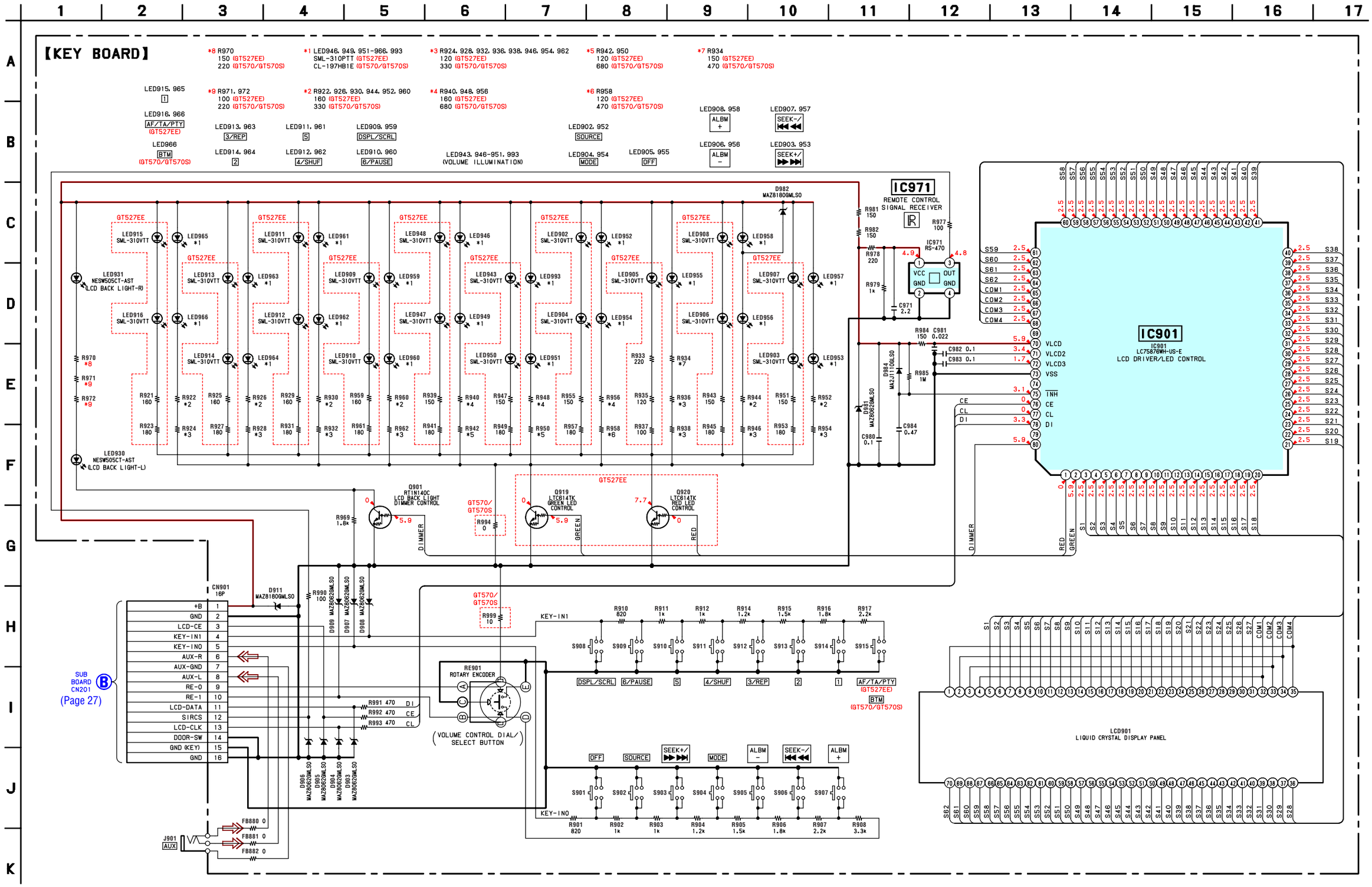

【KEY BOARD】(SIDE A)
【KEY BOARD】(SIDE B)
LED 903, 953, S903 SEEK+/, LED 902, 952, S902 SOURCE
LED 905, 955, S901 OFF
LED 908, 958, S907 ALBM +
LED 907, 957, S906 SEEK-/
LED 906, 956, S905 ALBM -
LED930 (LCD BACK LIGHT-L)
LCD901 LIQUID CRYSTAL DISPLAY PANEL
LED931 (LCD BACK LIGHT-R)
IC971
IC901
RE901
CN901
J901 AUX
LED 943, 946, 947, 948, 949, 950, 951, 993 (VOLUME ILLUMINATION)
LED 904, 954, S904 MODE
LED916, 966, S915 AF/TA/PTY (GT527EE)
LED966, S915 BTM (GT570/GT570S)
LED 915, 965, S914 1
LED 914, 964, S913 2
LED 913, 963, S912 3/REP
LED 912, 962, S911 4/SHUF
LED 911, 961, S910 5
LED 910, 960, S909 6/PAUSE
LED 909, 959, S908 DSPL/SCRL
[ ]:CDX-GT527EE ONLY
GT527EE
GT570/GT570S
1-874-473-11 (11)
RE901 (VOLUME CONTROL DIAL/ SELECT BUTTON)
B SUB BOARD CN201 (Page 27)

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D903	G-12	D984	H-8	(LED907)	C-2	LED930	C-7	LED953	C-5	LED963	D-9
D904	G-11			(LED908)	B-2	LED931	C-12	LED954	D-5	LED964	D-8
D905	H-10	IC901	G-9	(LED909)	D-12	(LED943)	B-4	LED955	B-2	LED965	D-7
D906	G-11	IC971	D-3	(LED910)	D-11	LED946	D-4	LED956	D-2	LED966	D-6
D907	H-10			(LED911)	D-11	(LED947)	C-3	LED957	C-2	LED993	B-4
D908	H-11	(LED902)	B-5	(LED912)	D-10	(LED948)	D-4	LED958	B-2		
D909	G-12	(LED903)	C-5	(LED913)	D-9	LED949	C-3	LED959	D-12	Q901	G-5
D911	H-11	(LED904)	D-5	(LED914)	D-8	(LED950)	C-5	LED960	D-11	(Q919)	G-5
D981	H-7	(LED905)	B-2	(LED915)	D-7	LED951	C-5	LED961	D-10	(Q920)	G-5
D982	B-2	(LED906)	D-2	(LED916)	D-6	LED952	B-5	LED962	D-10		

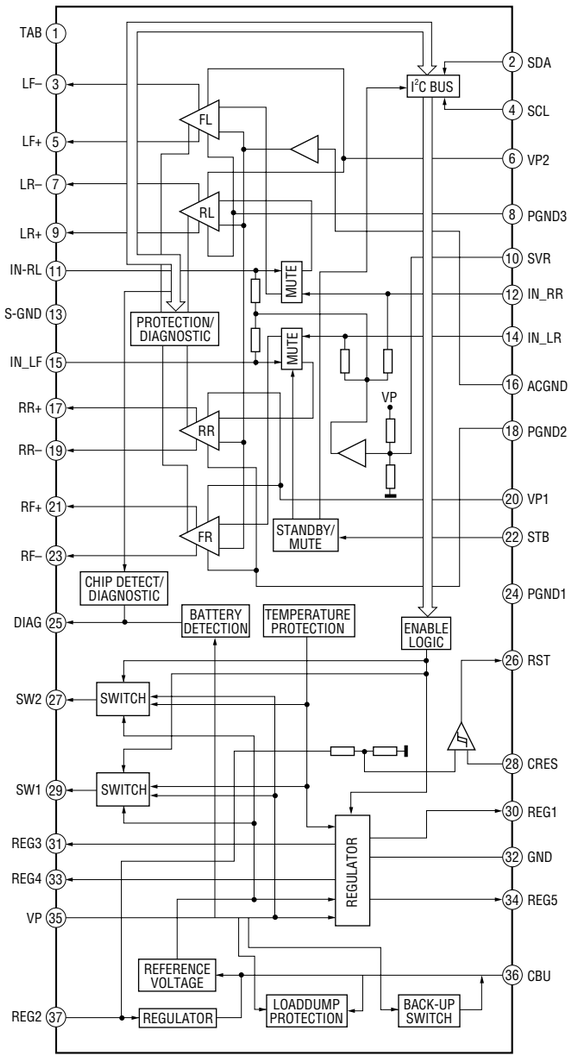
( ): CDX-GT527EE only

5-10. SCHEMATIC DIAGRAM — DISPLAY SECTION —

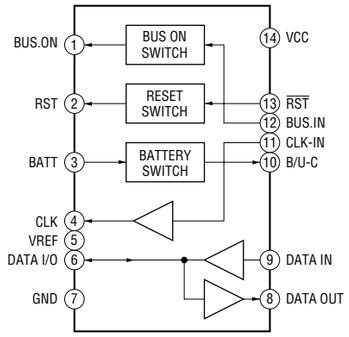


• IC Block Diagrams

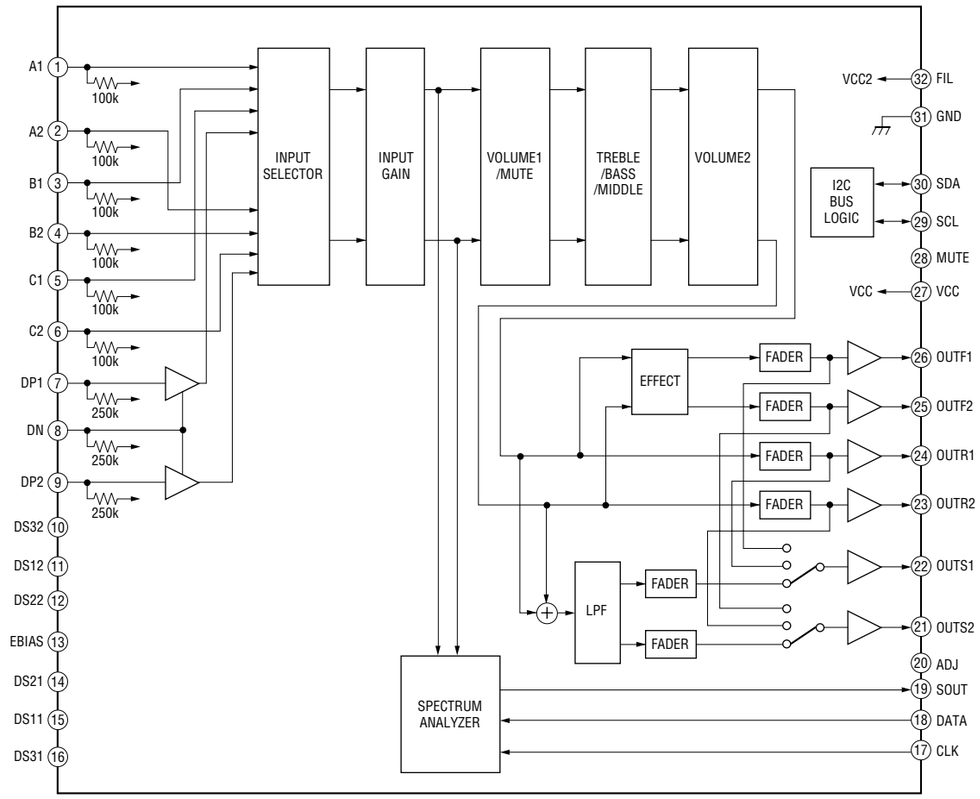
IC300 TDA8588AJ/N2/R1 (MAIN BOARD (1/3))



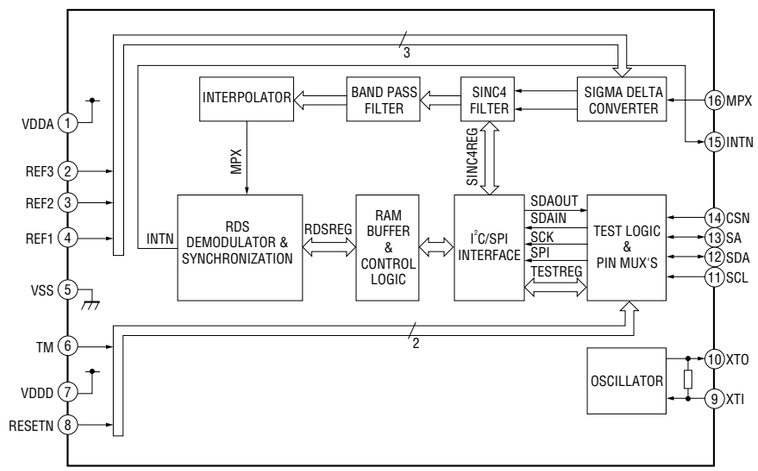
IC601 BA8271F-E2 (MAIN BOARD (1/3))



IC401 BD3442FS-E2 (MAIN BOARD (2/3))



IC50 TDA7333013TR (MAIN BOARD (2/3)) (CDX-GT527EE only)



• IC Pin Description

IC501 MB90F045PF-G-9060-SPE1 (SYSTEM CONTROL) (MAIN BOARD (3/3))

Pin No.	Pin Name	I/O	Pin Description
1	AREASEL0	I	Destination setting pin (L: CDX-GT570/GT570S, H: CDX-GT527EE)
2	AREASEL1	I	Destination setting pin (L: CDX-GT570/GT570S, H: CDX-GT527EE)
3	AREASEL2	I	Destination setting pin (L: FM (50k)/MW (9k), H: FM (200k)/MW (10k))
4	AREASEL3	I	Destination setting pin (Fixed at L in this set)
5	BEEP	O	Beep signal output to power amp IC.
6	COL_SEL	I	Key illumination 2 colors select signal input (L: 1 color (CDX-GT570/GT570S), H: 2 color (CDX-GT527EE))
7	$\overline{\text{NOSE\_SW}}$	I	Front panel detach detection signal input (L: with panel, H: without panel)
8	DIAG	I	Status signal input from power amp IC.
9	$\overline{\text{VOLATT}}$	O	Attenuator control signal output to electronic volume IC.
10	CYRIL_SEL	I	CYRIL select signal input (L: non CYRIL (CDX-GT570/GT570S), H: CYRIL (CDX-GT527EE))
11	VSS	—	Ground
12	TUATT	O	Tuner mute control signal output
13	NSMASK	O	Noise mask signal output (CDX-GT527EE only)
14	NCO	O	Not used. (Open)
15	ILLUMI_SEL	I	Illumination voltage setting pin (L: illumination power supply 9 V)
16	NCO	O	Not used. (Open)
17	AUX_SW	O	Not used. (Open)
18, 19	NCO	O	Not used. (Open)
20	MG_SEL	I	Mechanism deck select signal input (L: MG-101TC)
21	B-OUT_SEL	I	Black out select signal input (L: non black out (CDX-GT527EE), H: black out (CDX-GT570/GT570S))
22	DIM_SEL	I	Dimmer select signal input (H: non auto dimmer)
23	VCC5	—	Power supply pin (+3.3 V)
24	EEP_SIO	I/O	Serial data signal input/output for EEPROM communication.
25	EEP_CKO	O	Serial clock signal output for EEPROM communication.
26	AMPSTB	O	Standby signal output to power amp IC.
27	LCD_CE	O	Chip enable signal output to LCD drive IC.
28	LCD_SO	O	Serial data signal output to LCD drive IC.
29	LCD_CKO	O	Serial clock signal output to LCD drive IC.
30	RDSON	O	RDS ON signal output (CDX-GT527EE only)
31	RS_SEL	I	Rear/sub switchable select signal input (L: non rear/sub switchable (CDX-GT570/GT570S), H: rear/sub switchable (CDX-GT527EE))
32	SA_DATA	O	Data output for electronic volume IC spectrum analyzer.
33	I2C_CKO	O	I2C bus serial clock signal output
34	I2C_SIO	I/O	I2C bus serial data signal input/output
35	DAVDD	—	Power supply pin for A/D converter. (+3.3 V)
36	AVRH	—	External reference power supply pin for A/D converter. (+3.3 V)
37	DAVSS	—	Ground for A/D converter.
38	QUALITY	I	Noise detection signal input
39	VSM	I	S meter voltage detection signal input
40	KEYIN1	I	Key signal input 1
41	KEYIN0	I	Key signal input 0
42	VSS	—	Ground
43	RC_IN0	I	Rotary commander key signal input
44	SA_IN	I	Spectrum analyzer signal input
45	SA_CKO	O	Spectrum analyzer clock signal output

Pin No.	Pin Name	I/O	Pin Description
46	DOOR_IND	O	DISC IN indicator LED control signal output
47	RE_IN0	I	Rotary encoder signal input 0
48	RE_IN1	I	Rotary encoder signal input 1
49, 50	MD0, MD1	I	Signal input for operation mode designation. (Fixed at H in this set)
51	MD2	I	Signal input for operation mode designation. (Fixed at L in this set)
52	KEYACK	I	Key acknowledge detection signal input
53	TU_ATTIN	I	Tuner mute zero cross detection signal input (CDX-GT527EE only)
54	BUIN	I	Backup power supply detection signal input
55	NCO	O	Not used. (Open)
56	DAVN	I	RDS data block synchronized detection signal input from RDS receiver IC. (CDX-GT527EE only)
57	NCO	O	Not used. (Open)
58	UNISI	I	SONY-BUS data signal input
59	UNISO	O	SONY-BUS data signal output
60	UNISCK	O	SONY-BUS clock signal output
61 to 63	NCO	O	Not used. (Open)
64	SIRCS	I	Remote control signal input
65 to 67	NCO	O	Not used. (Open)
68	FLASH_W	I	Memory mode select signal input (Fixed at H in this set)
69	NCO	O	Not used. (Open)
70	DOOR_SW	I	Front panel open/close detection signal input
71	$\overline{\text{RC\_IN1}}$	I	Rotary commander shift key signal input
72	$\overline{\text{ACC\_IN}}$	I	Accessory power supply detection signal input
73	$\overline{\text{TESTIN}}$	I	Test mode detection signal input (Fixed at H in this set)
74	TELATT	I	Telephone attenuator detection signal input (CDX-GT527EE only)
75	ILLUIN	I	Illumination detection signal input (H: illumination OFF)
76	$\overline{\text{AD\_ON}}$	O	A/D converter power supply control signal output
77	$\overline{\text{RESET}}$	I	Reset signal input
78	NCO	O	Not used. (Open)
79	XOUT	O	Sub-clock signal output (32.768 kHz)
80	XIN	I	Sub-clock signal input (32.768 kHz)
81	VSS1	—	Ground
82	OSCIN	I	Main-clock signal input (18.432 MHz)
83	OSCOUT	O	Main-clock signal output (18.432 MHz)
84	VCC3	—	Power supply pin (+3.3 V)
85	INI_RS	I	Rear/sub initial select signal input (L: initial sub)
86	ATT	O	Audio mute control signal output
87	$\overline{\text{BUSON}}$	O	Bus ON signal output
88	$\overline{\text{SYSRST}}$	O	System reset signal output
89	EJECT_OK_SW	O	Eject OK signal output
90 to 92	NCO	O	Not used. (Open)
93	Z-MUTE	I	CD zero cross mute detection signal input
94	NCO	O	Not used. (Open)
95	DEMOSEL	I	Demo select signal input (H: Demo ON)
96	INI_COL	I	Initial color setting signal input (L: blue (CDX-GT570/GT570S), H: green (CDX-GT527EE))
97	NCO	O	Not used. (Open)
98	CD_ON	I	CD mechanism servo power control request signal input
99	$\overline{\text{CDM\_ON}}$	I	CD mechanism deck power control request signal input
100	OPEN-MUTE	O	Mute signal output at during the AUX source mode. (L: other, H: keep)

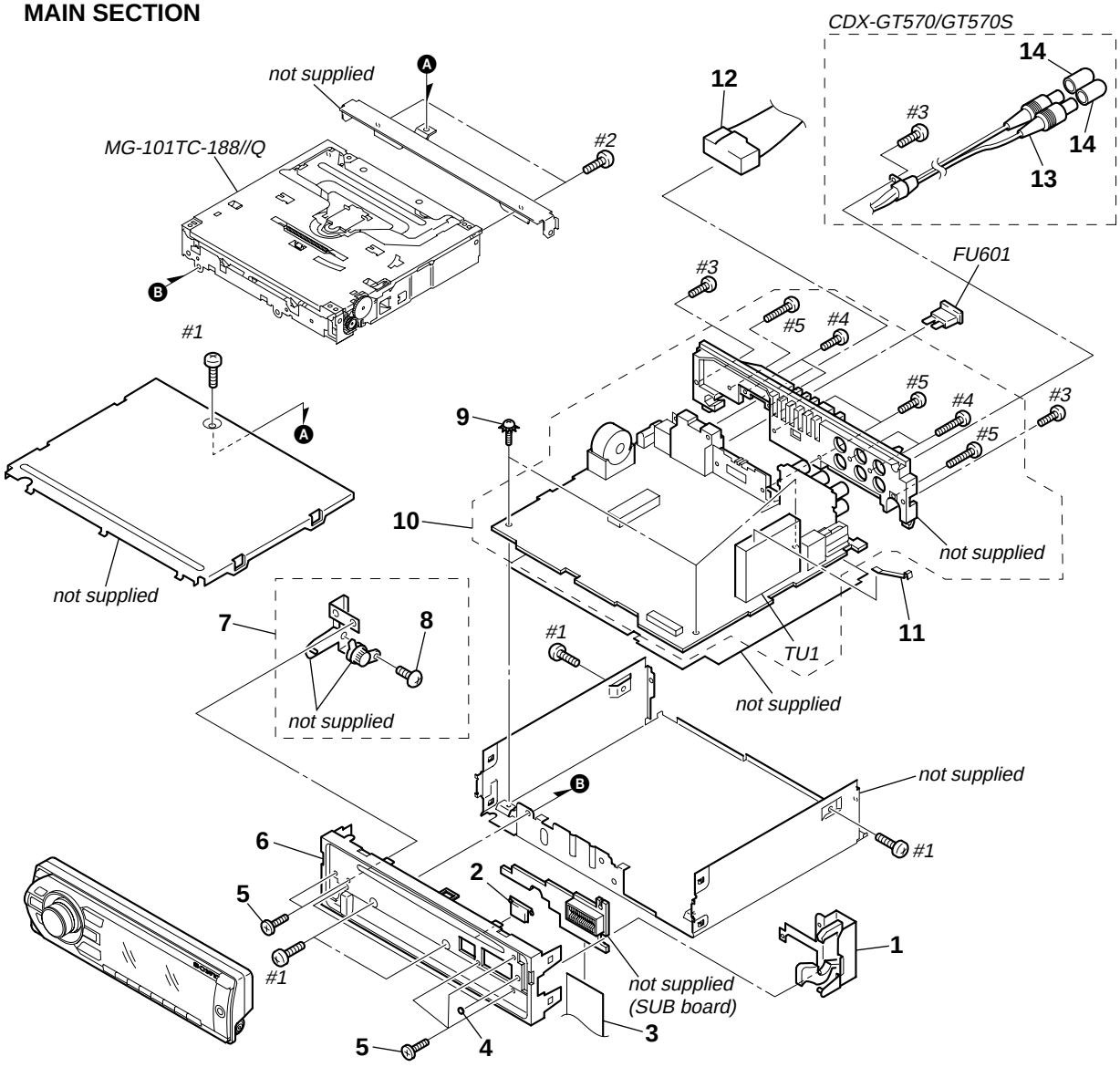
SECTION 6
EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
  CH : Chinese model
  IND : Indian model
  MX : Mexican model
  EA : Saudi Arabia model
  RU : Russian model
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Accessories are given in the last of this parts list.

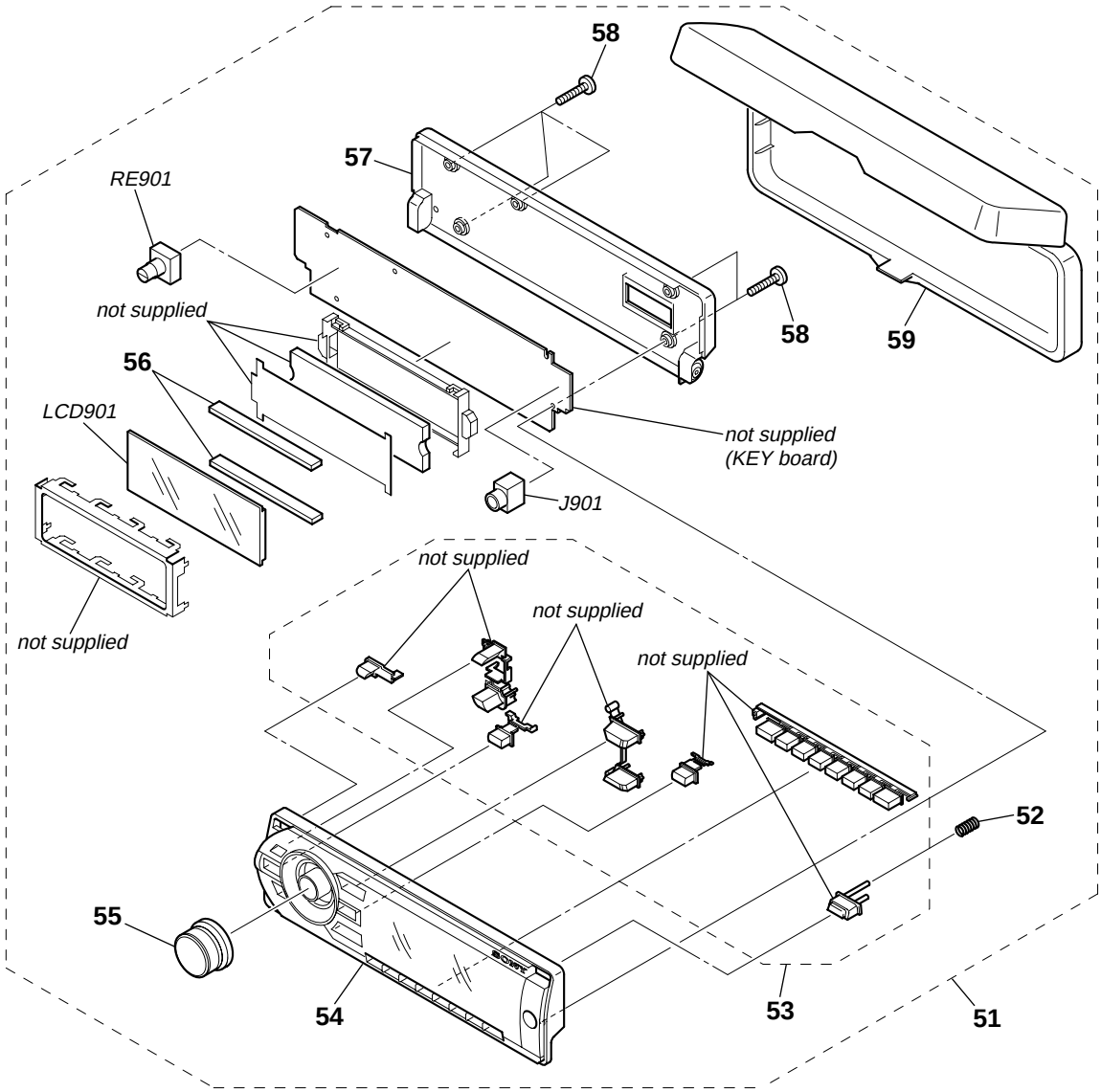
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

6-1. MAIN SECTION



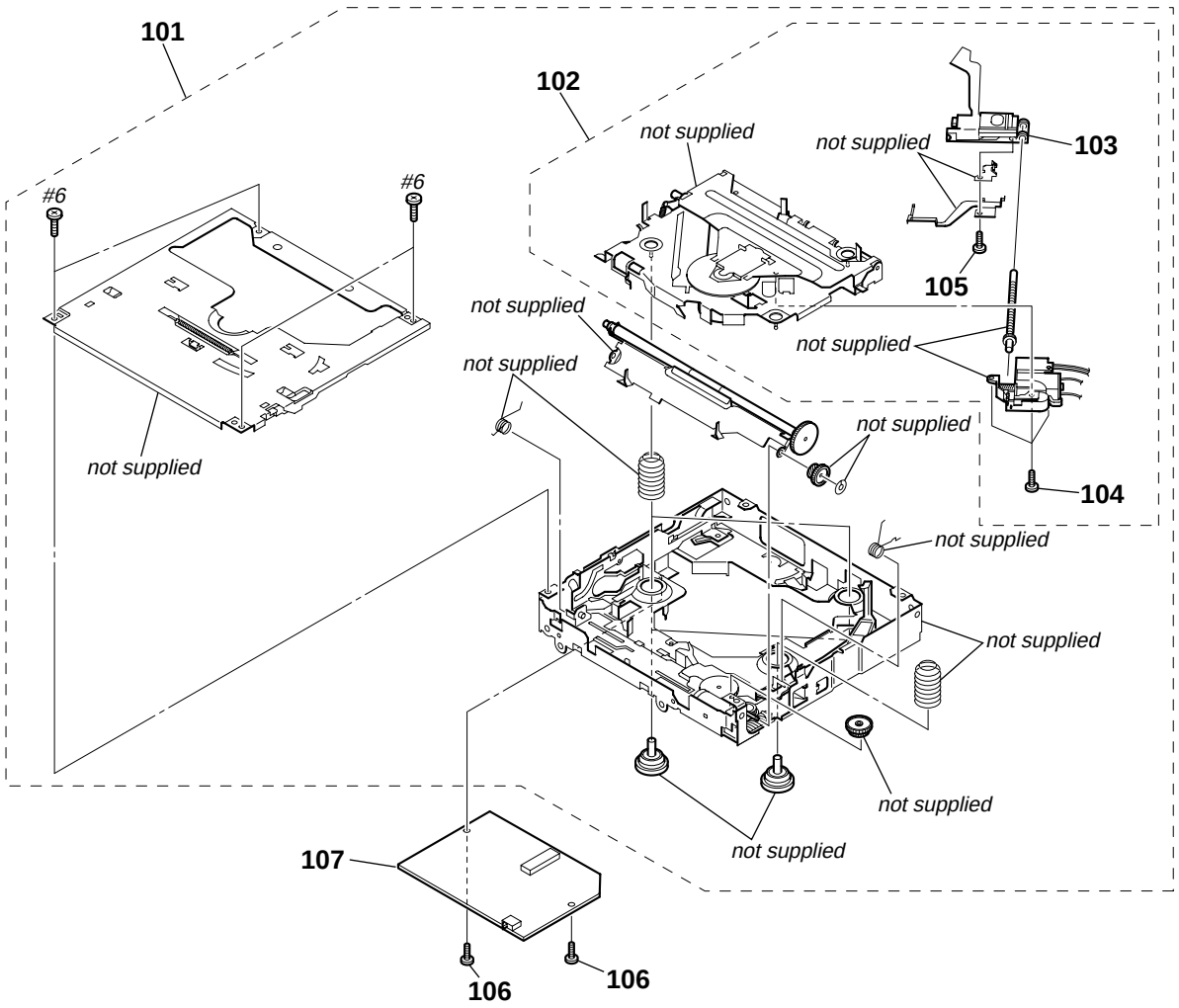
Ref. No.	Part No.	Description	Remark
1	X-2176-202-1	LOCK ASSY	
2	3-246-441-01	BUTTON (EJECT)	
3	1-834-507-11	CABLE, FLEXIBLE FLAT (17 CORE)	
4	3-260-247-01	CUSHION (SUB PANEL)	
5	3-042-244-01	SCREW (T)	
6	X-2179-173-1	PANEL ASSY, SUB (AUX)	
7	X-3384-203-2	GEAR ASSY	
8	3-713-786-51	SCREW +P 2X3	
9	3-376-464-11	SCREW (+PTT 2.6X6), GROUND POINT	
10	A-1312-911-A	MAIN BOARD, COMPLETE (RU)	
10	A-1312-912-A	MAIN BOARD, COMPLETE (E,CH,IND,MX)	
10	A-1312-914-A	MAIN BOARD, COMPLETE (EA)	
11	2-021-848-01	SHEET (TU), GROUND	
12	1-831-838-11	CORD (WITH CONNECTOR) (ISO) (POWER) (GT527EE)	
12	1-833-974-21	CONNECTION CORD FOR AUTOMOBILE (POWER) (GT570/GT570S)	
13	1-833-887-11	CONNECTION CORD (RCA) (SUB OUT (MONO)) (GT570/GT570S)	
14	3-264-798-01	CAP (GT570/GT570S)	
FU601	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) 10A	
TU1	A-3220-960-B	TUNER UNIT (TUX-032) (GT570/GT570S)	
TU1	A-3220-961-B	TUNER UNIT (TUX-032) (GT527EE)	
#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
#2	7-685-790-01	SCREW +PTT 2.6X4 (S)	
#3	7-685-793-09	SCREW +PTT 2.6X8 (S)	
#4	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT	
#5	7-685-794-09	SCREW +PTT 2.6X10 (S)	

6-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark
51	A-1312-858-A	PANEL OVERALL ASSY, FRONT (GT527EE)	
51	A-1313-015-A	PANEL OVERALL ASSY, FRONT (GT570S)	
51	A-1313-022-A	PANEL OVERALL ASSY, FRONT (GT570:E)	
51	A-1313-023-A	PANEL OVERALL ASSY, FRONT (GT570:MX)	
51	A-1313-025-A	PANEL OVERALL ASSY, FRONT (GT570:CH)	
51	A-1313-085-A	PANEL OVERALL ASSY, FRONT (GT570:EA)	
52	3-264-712-01	SPRING (OPEN)	
53	X-2179-192-1	BUTTON ASSY (S) (GT570)	
53	X-2179-230-1	BUTTON ASSY (S) (GT527EE)	
53	X-2186-454-1	BUTTON ASSY (S) (GT570S)	
54	X-2179-233-1	PANEL (SV) ASSY, FRONT (GT527EE)	
54	X-2186-452-1	PANEL (SV) ASSY, FRONT (GT570S)	
54	X-2186-453-1	PANEL (SV) ASSY, FRONT (GT570)	
55	X-2179-191-1	KNOB ASSY (S)	
56	1-780-563-11	CONDUCTIVE BOARD, CONNECTION	
57	X-2179-174-1	PANEL ASSY, FRONT BACK	
58	3-250-543-21	SCREW (+B P-TITE M2)	
59	X-2149-228-2	CASE ASSY (for FRONT PANEL)	
J901	1-820-833-11	JACK, SMALL TYPE (VERTICAL) (AUX)	
LCD901	1-802-534-11	DISPLAY PANEL, LIQUID CRYSTAL (GT527EE)	
LCD901	1-802-535-11	DISPLAY PANEL, LIQUID CRYSTAL	(GT570/GT570S)
RE901	1-479-902-21	ENCODER, ROTARY (VOLUME CONTROL DIAL/SELECT BUTTON)	

6-3. CD MECHANISM SECTION (MG-101TC-188//Q)



Ref. No.	Part No.	Description	Remark
101	A-1289-450-A	MECHANICAL BLOCK ASSY (08)	
102	A-1284-705-A	DAXEV08//Q	
⚠103	X-2149-672-1	SERVICE ASSY, OP (DAX-25A)	
104	2-626-869-01	SCREW (M2X3), SERRATION	
105	3-348-998-31	SCREW (M1.4X2.5), TAPPING, PAN	
106	3-352-758-31	SCREW (M1.7X2.5), TOOTHED LOCK	
107	A-1177-201-A	SERVO BOARD, COMPLETE	
#6	7-627-000-08	SCREW, PRECISION +P 1.7X2.2 TYPE 3	

KEY

SECTION 7
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board.

- Abbreviation
  CH : Chinese model
  IND : Indian model
  MX : Mexican model
  EA : Saudi Arabia model
  RU : Russian model

Ref. No.	Part No.	Description	Remark
		KEY BOARD	
		**********	
	1-780-563-11	CONDUCTIVE BOARD, CONNECTION	
		< CAPACITOR >	
C971	1-135-834-11	CERAMIC CHIP 2.2uF 6.3V	
C980	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C981	1-164-227-11	CERAMIC CHIP 0.022uF 10% 25V	
C982	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C983	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C984	1-125-891-11	CERAMIC CHIP 0.47uF 10% 10V	
		< CONNECTOR >	
CN901	1-819-783-11	PLUG, CONNECTOR 16P	
		< DIODE >	
D903	6-501-738-01	DIODE MAZ8062GMLS0	
D904	6-501-738-01	DIODE MAZ8062GMLS0	
D905	6-501-738-01	DIODE MAZ8062GMLS0	
D906	6-501-738-01	DIODE MAZ8062GMLS0	
D907	6-501-738-01	DIODE MAZ8062GMLS0	
D908	6-501-738-01	DIODE MAZ8062GMLS0	
D909	6-501-738-01	DIODE MAZ8062GMLS0	
D911	6-501-782-01	DIODE MAZ8180GMLS0	
D981	6-501-738-01	DIODE MAZ8062GMLS0	
D982	6-501-782-01	DIODE MAZ8180GMLS0	
D984	6-501-817-01	DIODE MA2J1110GLS0	
		< JUMPER RESISTOR >	
FB880	1-216-864-11	SHORT CHIP 0	
FB881	1-216-864-11	SHORT CHIP 0	
FB882	1-216-864-11	SHORT CHIP 0	
		< IC >	
IC901	6-707-064-01	IC LC75876WH-US-E	
IC971	6-600-629-01	IC RS-470 (IR)	
		< JACK >	
J901	1-820-833-11	JACK, SMALL TYPE (VERTICAL) (AUX)	
		< LIQUID CRYSTAL DISPLAY >	
LCD901	1-802-534-11	DISPLAY PANEL, LIQUID CRYSTAL (GT527EE)	

Ref. No.	Part No.	Description	Remark
LCD901	1-802-535-11	DISPLAY PANEL, LIQUID CRYSTAL	(GT570/GT570S)
		< DIODE >	
LED902	8-719-053-09	LED SML-310VTT86 (SOURCE) (GT527EE)	
LED903	8-719-053-09	LED SML-310VTT86 (SEEK+/▶▶ ▶▶I)	(GT527EE)
LED904	8-719-053-09	LED SML-310VTT86 (MODE) (GT527EE)	
LED905	8-719-053-09	LED SML-310VTT86 (OFF) (GT527EE)	
LED906	8-719-053-09	LED SML-310VTT86 (ALBM –) (GT527EE)	
LED907	8-719-053-09	LED SML-310VTT86 (SEEK–/I◀◀ ◀◀)	(GT527EE)
LED908	8-719-053-09	LED SML-310VTT86 (ALBM +) (GT527EE)	
LED909	8-719-053-09	LED SML-310VTT86 (DSPL/SCRL) (GT527EE)	
LED910	8-719-053-09	LED SML-310VTT86 (6/PAUSE) (GT527EE)	
LED911	8-719-053-09	LED SML-310VTT86 (5) (GT527EE)	
LED912	8-719-053-09	LED SML-310VTT86 (4/SHUF) (GT527EE)	
LED913	8-719-053-09	LED SML-310VTT86 (3/REP) (GT527EE)	
LED914	8-719-053-09	LED SML-310VTT86 (2) (GT527EE)	
LED915	8-719-053-09	LED SML-310VTT86 (1) (GT527EE)	
LED916	8-719-053-09	LED SML-310VTT86 (AF/TA/PTY) (GT527EE)	
LED930	6-501-339-01	LED NESW505CT-AST (LCD BACK LIGHT-L)	
LED931	6-501-339-01	LED NESW505CT-AST (LCD BACK LIGHT-R)	
LED943	8-719-053-09	LED SML-310VTT86	(VOLUME ILLUMINATION) (GT527EE)
LED946	6-501-547-01	LED CL-197HB1E-D-T	(VOLUME ILLUMINATION) (GT570/GT570S)
LED946	8-719-078-21	LED SML-310PTT86	(VOLUME ILLUMINATION) (GT527EE)
LED947	8-719-053-09	LED SML-310VTT86	(VOLUME ILLUMINATION) (GT527EE)
LED948	8-719-053-09	LED SML-310VTT86	(VOLUME ILLUMINATION) (GT527EE)
LED949	6-501-547-01	LED CL-197HB1E-D-T	(VOLUME ILLUMINATION) (GT570/GT570S)
LED949	8-719-078-21	LED SML-310PTT86	(VOLUME ILLUMINATION) (GT527EE)
LED950	8-719-053-09	LED SML-310VTT86	(VOLUME ILLUMINATION) (GT527EE)
LED951	6-501-547-01	LED CL-197HB1E-D-T	(VOLUME ILLUMINATION) (GT570/GT570S)
LED951	8-719-078-21	LED SML-310PTT86	(VOLUME ILLUMINATION) (GT527EE)
LED952	6-501-547-01	LED CL-197HB1E-D-T (SOURCE)	(GT570/GT570S)
LED952	8-719-078-21	LED SML-310PTT86 (SOURCE) (GT527EE)	

KEY

Ref. No.	Part No.	Description	Remark
LED953	6-501-547-01	LED CL-197HB1E-D-T (SEEK+/▶▶ ▶▶I)	(GT570/GT570S)
LED953	8-719-078-21	LED SML-310PTT86 (SEEK+/▶▶ ▶▶I)	(GT527EE)
LED954	6-501-547-01	LED CL-197HB1E-D-T (MODE)	(GT570/GT570S)
LED954	8-719-078-21	LED SML-310PTT86 (MODE) (GT527EE)	
LED955	6-501-547-01	LED CL-197HB1E-D-T (OFF) (GT570/GT570S)	
LED955	8-719-078-21	LED SML-310PTT86 (OFF) (GT527EE)	
LED956	6-501-547-01	LED CL-197HB1E-D-T (ALBM –)	(GT570/GT570S)
LED956	8-719-078-21	LED SML-310PTT86 (ALBM –) (GT527EE)	
LED957	6-501-547-01	LED CL-197HB1E-D-T (SEEK–/I◀◀ ◀◀)	(GT570/GT570S)
LED957	8-719-078-21	LED SML-310PTT86 (SEEK–/I◀◀ ◀◀)	(GT527EE)
LED958	6-501-547-01	LED CL-197HB1E-D-T (ALBM +)	(GT570/GT570S)
LED958	8-719-078-21	LED SML-310PTT86 (ALBM +) (GT527EE)	
LED959	6-501-547-01	LED CL-197HB1E-D-T (DSPL/SCRL)	(GT570/GT570S)
LED959	8-719-078-21	LED SML-310PTT86 (DSPL/SCRL) (GT527EE)	
LED960	6-501-547-01	LED CL-197HB1E-D-T (6/PAUSE)	(GT570/GT570S)
LED960	8-719-078-21	LED SML-310PTT86 (6/PAUSE) (GT527EE)	
LED961	6-501-547-01	LED CL-197HB1E-D-T (5) (GT570/GT570S)	
LED961	8-719-078-21	LED SML-310PTT86 (5) (GT527EE)	
LED962	6-501-547-01	LED CL-197HB1E-D-T (4/SHUF)	(GT570/GT570S)
LED962	8-719-078-21	LED SML-310PTT86 (4/SHUF) (GT527EE)	
LED963	6-501-547-01	LED CL-197HB1E-D-T (3/REP)	(GT570/GT570S)
LED963	8-719-078-21	LED SML-310PTT86 (3/REP) (GT527EE)	
LED964	6-501-547-01	LED CL-197HB1E-D-T (2) (GT570/GT570S)	
LED964	8-719-078-21	LED SML-310PTT86 (2) (GT527EE)	
LED965	6-501-547-01	LED CL-197HB1E-D-T (1) (GT570/GT570S)	
LED965	8-719-078-21	LED SML-310PTT86 (1) (GT527EE)	
LED966	6-501-547-01	LED CL-197HB1E-D-T (BTM) (GT570/GT570S)	
LED966	8-719-078-21	LED SML-310PTT86 (AF/TA/PTY) (GT527EE)	
LED993	6-501-547-01	LED CL-197HB1E-D-T (VOLUME ILLUMINATION) (GT570/GT570S)	
LED993	8-719-078-21	LED SML-310PTT86 (VOLUME ILLUMINATION) (GT527EE)	
		< TRANSISTOR >	
Q901	8-729-027-44	TRANSISTOR DTC114TKA-T146	
Q919	6-551-856-01	TRANSISTOR LTC614TKFP8T146 (GT527EE)	
Q920	6-551-856-01	TRANSISTOR LTC614TKFP8T146 (GT527EE)	
		< RESISTOR >	
R901	1-216-820-11	METAL CHIP 820 5% 1/10W	
R902	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R903	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R904	1-216-822-11	METAL CHIP 1.2K 5% 1/10W	
R905	1-216-823-11	METAL CHIP 1.5K 5% 1/10W	
R906	1-216-824-11	METAL CHIP 1.8K 5% 1/10W	
R907	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R908	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
R910	1-216-820-11	METAL CHIP 820 5% 1/10W	
R911	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R912	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R914	1-216-822-11	METAL CHIP 1.2K 5% 1/10W	
R915	1-216-823-11	METAL CHIP 1.5K 5% 1/10W	
R916	1-216-824-11	METAL CHIP 1.8K 5% 1/10W	
R917	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R921	1-216-030-00	RES-CHIP 160 5% 1/10W	(GT527EE)
R922	1-216-030-00	RES-CHIP 160 5% 1/10W	(GT527EE)
R922	1-216-037-00	RES-CHIP 330 5% 1/10W	(GT570/GT570S)
R923	1-216-031-00	RES-CHIP 180 5% 1/10W	(GT527EE)
R924	1-216-027-00	RES-CHIP 120 5% 1/10W	(GT527EE)
R924	1-216-037-00	RES-CHIP 330 5% 1/10W	(GT570/GT570S)
R925	1-216-030-00	RES-CHIP 160 5% 1/10W	(GT527EE)
R926	1-216-030-00	RES-CHIP 160 5% 1/10W	(GT527EE)
R926	1-216-037-00	RES-CHIP 330 5% 1/10W	(GT570/GT570S)
R927	1-216-031-00	RES-CHIP 180 5% 1/10W	(GT527EE)
R928	1-216-027-00	RES-CHIP 120 5% 1/10W	(GT527EE)
R928	1-216-037-00	RES-CHIP 330 5% 1/10W	(GT570/GT570S)
R929	1-216-030-00	RES-CHIP 160 5% 1/10W	(GT527EE)
R930	1-216-030-00	RES-CHIP 160 5% 1/10W	(GT527EE)
R930	1-216-037-00	RES-CHIP 330 5% 1/10W	(GT570/GT570S)
R931	1-216-031-00	RES-CHIP 180 5% 1/10W	(GT527EE)
R932	1-216-027-00	RES-CHIP 120 5% 1/10W	(GT527EE)
R932	1-216-037-00	RES-CHIP 330 5% 1/10W	(GT570/GT570S)
R933	1-216-033-00	RES-CHIP 220 5% 1/10W	(GT527EE)
R934	1-216-029-00	RES-CHIP 150 5% 1/10W	(GT527EE)
R934	1-216-041-00	RES-CHIP 470 5% 1/10W	(GT570/GT570S)
R935	1-216-027-00	RES-CHIP 120 5% 1/10W	(GT527EE)
R936	1-216-027-00	RES-CHIP 120 5% 1/10W	(GT527EE)
R936	1-216-037-00	RES-CHIP 330 5% 1/10W	(GT570/GT570S)
R937	1-216-025-11	RES-CHIP 100 5% 1/10W	(GT527EE)
R938	1-216-027-00	RES-CHIP 120 5% 1/10W	(GT527EE)
R938	1-216-037-00	RES-CHIP 330 5% 1/10W	(GT570/GT570S)
R939	1-216-029-00	RES-CHIP 150 5% 1/10W	(GT527EE)
R940	1-216-030-00	RES-CHIP 160 5% 1/10W	(GT527EE)

KEY

Ref. No.	Part No.	Description			Remark
R940	1-216-045-00	RES-CHIP	680	5%	1/10W (GT570/GT570S)
R941	1-216-031-00	RES-CHIP	180	5%	1/10W (GT527EE)
R942	1-216-027-00	RES-CHIP	120	5%	1/10W (GT527EE)
R942	1-216-045-00	RES-CHIP	680	5%	1/10W (GT570/GT570S)
R943	1-216-029-00	RES-CHIP	150	5%	1/10W (GT527EE)
R944	1-216-030-00	RES-CHIP	160	5%	1/10W (GT527EE)
R944	1-216-037-00	RES-CHIP	330	5%	1/10W (GT570/GT570S)
R945	1-216-031-00	RES-CHIP	180	5%	1/10W (GT527EE)
R946	1-216-027-00	RES-CHIP	120	5%	1/10W (GT527EE)
R946	1-216-037-00	RES-CHIP	330	5%	1/10W (GT570/GT570S)
R947	1-216-029-00	RES-CHIP	150	5%	1/10W (GT527EE)
R948	1-216-030-00	RES-CHIP	160	5%	1/10W (GT527EE)
R948	1-216-045-00	RES-CHIP	680	5%	1/10W (GT570/GT570S)
R949	1-216-031-00	RES-CHIP	180	5%	1/10W (GT527EE)
R950	1-216-027-00	RES-CHIP	120	5%	1/10W (GT527EE)
R950	1-216-045-00	RES-CHIP	680	5%	1/10W (GT570/GT570S)
R951	1-216-029-00	RES-CHIP	150	5%	1/10W (GT527EE)
R952	1-216-030-00	RES-CHIP	160	5%	1/10W (GT527EE)
R952	1-216-037-00	RES-CHIP	330	5%	1/10W (GT570/GT570S)
R953	1-216-031-00	RES-CHIP	180	5%	1/10W (GT527EE)
R954	1-216-027-00	RES-CHIP	120	5%	1/10W (GT527EE)
R954	1-216-037-00	RES-CHIP	330	5%	1/10W (GT570/GT570S)
R955	1-216-029-00	RES-CHIP	150	5%	1/10W (GT527EE)
R956	1-216-030-00	RES-CHIP	160	5%	1/10W (GT527EE)
R956	1-216-045-00	RES-CHIP	680	5%	1/10W (GT570/GT570S)
R957	1-216-031-00	RES-CHIP	180	5%	1/10W (GT527EE)
R958	1-216-027-00	RES-CHIP	120	5%	1/10W (GT527EE)
R958	1-216-041-00	RES-CHIP	470	5%	1/10W (GT570/GT570S)
R959	1-216-030-00	RES-CHIP	160	5%	1/10W (GT527EE)
R960	1-216-030-00	RES-CHIP	160	5%	1/10W (GT527EE)
R960	1-216-037-00	RES-CHIP	330	5%	1/10W (GT570/GT570S)
R961	1-216-031-00	RES-CHIP	180	5%	1/10W (GT527EE)
R962	1-216-027-00	RES-CHIP	120	5%	1/10W (GT527EE)
R962	1-216-037-00	RES-CHIP	330	5%	1/10W (GT570/GT570S)
R969	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R970	1-216-811-11	METAL CHIP	150	5%	1/10W (GT527EE)
R970	1-216-813-11	METAL CHIP	220	5%	1/10W (GT570/GT570S)
R971	1-216-809-11	METAL CHIP	100	5%	1/10W (GT527EE)
R971	1-216-813-11	METAL CHIP	220	5%	1/10W (GT570/GT570S)
R972	1-216-809-11	METAL CHIP	100	5%	1/10W (GT527EE)
R972	1-216-813-11	METAL CHIP	220	5%	1/10W (GT570/GT570S)
R977	1-216-809-11	METAL CHIP	100	5%	1/10W
R978	1-216-813-11	METAL CHIP	220	5%	1/10W
R979	1-216-821-11	METAL CHIP	1K	5%	1/10W
R981	1-216-811-11	METAL CHIP	150	5%	1/10W
R982	1-216-811-11	METAL CHIP	150	5%	1/10W
R984	1-216-811-11	METAL CHIP	150	5%	1/10W
R985	1-216-857-11	METAL CHIP	1M	5%	1/10W
R990	1-216-809-11	METAL CHIP	100	5%	1/10W
R991	1-216-817-11	METAL CHIP	470	5%	1/10W
R992	1-216-817-11	METAL CHIP	470	5%	1/10W
R993	1-216-817-11	METAL CHIP	470	5%	1/10W
R994	1-216-864-11	SHORT CHIP	0 (GT570/GT570S)		
R999	1-216-001-00	RES-CHIP	10	5%	1/10W (GT570/GT570S)
		< ROTARY ENCODER >			
RE901	1-479-902-21	ENCODER, ROTARY (VOLUME CONTROL DIAL/SELECT BUTTON)			
		< SWITCH >			
S901	1-786-653-21	SWITCH, TACTILE (OFF)			
S902	1-786-653-21	SWITCH, TACTILE (SOURCE)			
S903	1-786-653-21	SWITCH, TACTILE (SEEK+/▶▶ ▶▶I)			
S904	1-786-653-21	SWITCH, TACTILE (MODE)			
S905	1-786-653-21	SWITCH, TACTILE (ALBM –)			
S906	1-786-653-21	SWITCH, TACTILE (SEEK–/I◀◀ ◀◀)			
S907	1-786-653-21	SWITCH, TACTILE (ALBM +)			
S908	1-786-653-21	SWITCH, TACTILE (DSPL/SCRL)			
S909	1-786-653-21	SWITCH, TACTILE (6/PAUSE)			
S910	1-786-653-21	SWITCH, TACTILE (5)			
S911	1-786-653-21	SWITCH, TACTILE (4/SHUF)			
S912	1-786-653-21	SWITCH, TACTILE (3/REP)			
S913	1-786-653-21	SWITCH, TACTILE (2)			
S914	1-786-653-21	SWITCH, TACTILE (1)			
S915	1-786-653-21	SWITCH, TACTILE (AF/TA/PTY) (GT527EE)			
S915	1-786-653-21	SWITCH, TACTILE (BTM) (GT570/GT570S)			

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Ref. No.	Part No.	Description			Remark
	A-1312-911-A	MAIN BOARD, COMPLETE (RU)			
	A-1312-912-A	MAIN BOARD, COMPLETE (E,CH,IND,MX)			
	A-1312-914-A	MAIN BOARD, COMPLETE (EA)			
		**********			
	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT			
	7-685-794-09	SCREW +PTT 2.6X10 (S)			
		< CAPACITOR >			
C1	1-126-963-11	ELECT	4.7uF	20%	50V (GT527EE)
C2	1-126-947-11	ELECT	47uF	20%	35V
C3	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C4	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (GT570/GT570S)
C5	1-126-947-11	ELECT	47uF	20%	35V
C7	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C8	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C9	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C14	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C50	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (GT527EE)
C51	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (GT527EE)
C52	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (GT527EE)
C53	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (GT527EE)
C54	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (GT527EE)
C55	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (GT527EE)
C56	1-162-917-11	CERAMIC CHIP	15PF	5%	50V (GT527EE)
C57	1-162-917-11	CERAMIC CHIP	15PF	5%	50V (GT527EE)
C58	1-162-959-11	CERAMIC CHIP	330PF	5%	50V (GT527EE)
C61	1-126-947-11	ELECT	47uF	20%	35V (GT527EE)
C62	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (GT527EE)
C63	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C64	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C103	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C104	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C109	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C110	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C111	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C116	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C117	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C300	1-126-960-11	ELECT	1uF	20%	50V
C301	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C303	1-128-551-11	ELECT	22uF	20%	63V
C304	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C305	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C306	1-126-964-11	ELECT	10uF	20%	50V
C307	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C308	1-126-964-11	ELECT	10uF	20%	50V
C309	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C310	1-126-926-11	ELECT	1000uF	20%	10V
C312	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C313	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C314	1-124-261-00	ELECT	10uF	20%	50V
C315	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C316	1-124-261-00	ELECT	10uF	20%	50V
C317	1-124-257-00	ELECT	2.2uF	20%	50V
C318	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C319	1-216-864-11	SHORT CHIP	0		
C320	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C321	1-126-960-11	ELECT	1uF	20%	50V
C323	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C324	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C325	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C327	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C328	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C330	1-216-864-11	SHORT CHIP	0		
C331	1-216-864-11	SHORT CHIP	0		
C360	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C361	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C362	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C363	1-115-871-11	ELECT	1uF	20%	50V
C364	1-115-871-11	ELECT	1uF	20%	50V
C401	1-124-584-00	ELECT	100uF	20%	10V
C402	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C403	1-126-176-11	ELECT	220uF	20%	10V
C405	1-124-248-00	ELECT	22uF	20%	25V
C410	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C411	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (GT570/GT570S)
C412	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C413	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C414	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C415	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C417	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C418	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C419	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C421	1-126-964-11	ELECT	10uF	20%	50V
C422	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C423	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C431	1-126-964-11	ELECT	10uF	20%	50V
C432	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C441	1-126-964-11	ELECT	10uF	20%	50V
C442	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C443	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C446	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C447	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C451	1-126-964-11	ELECT	10uF	20%	50V (GT527EE)
C452	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C461	1-126-964-11	ELECT	10uF	20%	50V
C462	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C465	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C466	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C471	1-126-964-11	ELECT	10uF	20%	50V
C472	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C480	1-136-159-00	FILM	0.033uF	5%	50V
C481	1-136-159-00	FILM	0.033uF	5%	50V
C482	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V

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Ref. No.	Part No.	Description			Remark
C483	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C484	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C485	1-104-665-11	ELECT	100uF	20%	25V
C487	1-126-964-11	ELECT	10uF	20%	50V
C491	1-124-589-11	ELECT	47uF	20%	16V
C494	1-216-864-11	SHORT CHIP	0		
C501	1-128-057-11	ELECT	330uF	20%	6.3V
C502	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C503	1-124-584-00	ELECT	100uF	20%	10V
C504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C505	1-124-584-00	ELECT	100uF	20%	10V
C506	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C507	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C508	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C509	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C510	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C511	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C512	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C513	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C515	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C516	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C523	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C600	1-126-941-11	ELECT	470uF	20%	25V
C601	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C602	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C701	1-112-302-11	ELECT	3300uF	20%	16V
C702	1-126-160-11	ELECT	1uF	20%	50V
C704	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C901	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C902	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR >			
CN300	1-774-701-21	PIN, CONNECTOR 16P			
CN350	1-820-611-11	CONNECTOR, BOARD TO BOARD 28P			
* CN410	1-564-506-11	PLUG, CONNECTOR 3P (GT570/GT570S)			
* CN702	1-770-524-31	CONNECTOR, FFC/FPC 17P			
CNJ400	1-580-907-41	PLUG, CONNECTOR 8P (BUS CONTROL IN)			
		< DIODE >			
D2	6-501-734-01	DIODE	MAZ8056GMLS0		
D101	6-501-743-01	DIODE	MAZ8068GMLS0		
D102	6-501-782-01	DIODE	MAZ8180GMLS0		
D103	6-501-782-01	DIODE	MAZ8180GMLS0		
D104	6-501-782-01	DIODE	MAZ8180GMLS0		
D105	6-501-743-01	DIODE	MAZ8068GMLS0		
D106	6-501-743-01	DIODE	MAZ8068GMLS0		
D107	6-501-743-01	DIODE	MAZ8068GMLS0		
D108	6-501-743-01	DIODE	MAZ8068GMLS0		
D109	6-501-743-01	DIODE	MAZ8068GMLS0		
D110	6-501-743-01	DIODE	MAZ8068GMLS0		
D114	6-501-743-01	DIODE	MAZ8068GMLS0		
D115	6-501-743-01	DIODE	MAZ8068GMLS0		
D116	6-501-743-01	DIODE	MAZ8068GMLS0		
D301	6-500-522-01	DIODE	10EDB40-TA1B2		
D302	6-500-522-01	DIODE	10EDB40-TA1B2		
D303	6-500-522-01	DIODE	10EDB40-TA1B2		
D304	6-500-522-01	DIODE	10EDB40-TA1B2		

Ref. No.	Part No.	Description	Remark
D305	6-500-522-01	DIODE 10EDB40-TA1B2	
D306	6-500-522-01	DIODE 10EDB40-TA1B2	
D307	6-500-522-01	DIODE 10EDB40-TA1B2	
D308	6-500-522-01	DIODE 10EDB40-TA1B2	
D309	6-500-522-01	DIODE 10EDB40-TA1B2	
D310	6-500-522-01	DIODE 10EDB40-TA1B2	
D311	6-500-522-01	DIODE 10EDB40-TA1B2	
D312	6-500-522-01	DIODE 10EDB40-TA1B2	
D400	6-501-656-01	DIODE LBAT54ALT1G	
D491	6-501-817-01	DIODE MA2J1110GLS0	
D493	6-501-654-01	DIODE LBAT54CLT1G	
D494	6-501-656-01	DIODE LBAT54ALT1G	
D501	8-719-050-37	DIODE M1MA152WA-T1	
D502	8-719-060-48	DIODE RB751V-40TE-17	
D511	6-501-654-01	DIODE LBAT54CLT1G	
D602	6-501-782-01	DIODE MAZ8180GMLS0	
D603	8-719-422-67	DIODE MA8062-H	
D604	6-501-782-01	DIODE MAZ8180GMLS0	
D605	6-501-782-01	DIODE MAZ8180GMLS0	
D606	8-719-072-70	DIODE MA2ZD14001S0	
D607	6-501-571-01	DIODE 1N5404-C311-3	
D701	6-501-782-01	DIODE MAZ8180GMLS0	
D702	6-501-782-01	DIODE MAZ8180GMLS0	
		< FERRITE BEAD >	
FB401	1-414-595-11	INDUCTOR, FERRITE BEAD	
FB402	1-216-864-11	SHORT CHIP 0	
FB403	1-216-864-11	SHORT CHIP 0	
FB404	1-216-295-11	SHORT CHIP 0	
FB405	1-216-864-11	SHORT CHIP 0	
FB406	1-216-864-11	SHORT CHIP 0	
FB407	1-216-295-11	SHORT CHIP 0	
FB408	1-216-864-11	SHORT CHIP 0 (GT570/GT570S)	
FB408	1-469-876-11	INDUCTOR, FERRITE BEAD (GT527EE)	
		< IC >	
IC50	6-803-747-01	IC TDA7333013TR (GT527EE)	
IC300	6-705-359-02	IC TDA8588AJ/N2/R1	
IC401	6-710-065-01	IC BD3442FS-E2	
IC501	6-807-655-01	IC MB90F045PF-G-9060-SPE1	
IC502	6-711-653-01	IC S-1206B33-U3T1G	
IC601	6-703-884-01	IC BA8271F-E2	
IC602	8-759-659-13	IC PST3428UL	
		< JACK >	
J1	1-815-185-13	JACK (ANTENNA)	
J370	1-566-822-41	JACK (REMOTE IN)	
J451	1-774-700-41	JACK, PIN 6P (BUS AUDIO IN, REAR/SUB AUDIO OUT,FRONT AUDIO OUT) (GT527EE)	
J451	1-774-700-41	JACK, PIN 6P (BUS AUDIO IN, REAR AUDIO OUT,FRONT AUDIO OUT) (GT570/GT570S)	
		< JUMPER RESISTOR >	
JC3	1-216-864-11	SHORT CHIP 0	
JC9	1-216-295-11	SHORT CHIP 0 (GT527EE)	
JC53	1-216-864-11	SHORT CHIP 0	
JC90	1-216-296-11	SHORT CHIP 0 (GT527EE)	

Ref. No.	Part No.	Description			Remark
JC300	1-216-296-11	SHORT CHIP	0		
JC301	1-216-296-11	SHORT CHIP	0		
JC302	1-216-296-11	SHORT CHIP	0		
JC303	1-216-864-11	SHORT CHIP	0 (GT527EE)		
JC304	1-216-864-11	SHORT CHIP	0 (GT570/GT570S)		
JC305	1-216-296-11	SHORT CHIP	0 (GT570/GT570S)		
JC350	1-216-296-11	SHORT CHIP	0		
JC400	1-216-295-11	SHORT CHIP	0		
JC401	1-216-864-11	SHORT CHIP	0		
JC430	1-216-296-11	SHORT CHIP	0 (GT527EE)		
JC490	1-216-296-11	SHORT CHIP	0		
JC491	1-216-296-11	SHORT CHIP	0		
JC501	1-216-296-11	SHORT CHIP	0		
JC503	1-216-296-11	SHORT CHIP	0		
JC504	1-216-296-11	SHORT CHIP	0		
JC508	1-216-296-11	SHORT CHIP	0		
JC509	1-216-864-11	SHORT CHIP	0		
JC511	1-216-864-11	SHORT CHIP	0		
JC512	1-216-864-11	SHORT CHIP	0		
JC518	1-216-296-11	SHORT CHIP	0		
JC522	1-216-295-11	SHORT CHIP	0		
JC523	1-216-864-11	SHORT CHIP	0		
JC524	1-216-296-11	SHORT CHIP	0		
JC600	1-216-864-11	SHORT CHIP	0		
JC602	1-216-296-11	SHORT CHIP	0		
JC603	1-216-296-11	SHORT CHIP	0		
		< COIL >			
L1	1-500-245-11	INDUCTOR, FERRITE BEAD			
L2	1-216-809-11	METAL CHIP	100	5%	1/10W (GT527EE)
L3	1-216-809-11	METAL CHIP	100	5%	1/10W (GT527EE)
L4	1-469-844-11	INDUCTOR	2.2uH		
L101	1-410-509-11	INDUCTOR	10uH		
L300	1-456-617-11	COIL, CHOKE			
L301	1-216-864-11	SHORT CHIP	0		
L302	1-216-864-11	SHORT CHIP	0		
L303	1-216-864-11	SHORT CHIP	0		
L500	1-469-844-11	INDUCTOR	2.2uH		
		< TRANSISTOR >			
Q1	8-729-038-28	TRANSISTOR	RT1N441C-TP-1 (GT527EE)		
Q3	8-729-106-68	TRANSISTOR	2SD1615A-GP		
Q50	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R (GT527EE)		
Q420	6-551-856-01	TRANSISTOR	LTC614TKFP8T146		
Q430	6-551-856-01	TRANSISTOR	LTC614TKFP8T146		
Q440	6-551-856-01	TRANSISTOR	LTC614TKFP8T146		
Q450	6-551-856-01	TRANSISTOR	LTC614TKFP8T146 (GT527EE)		
Q460	6-551-856-01	TRANSISTOR	LTC614TKFP8T146		
Q470	6-551-856-01	TRANSISTOR	LTC614TKFP8T146		
Q491	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q492	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q501	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q589	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q590	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q600	8-729-047-76	TRANSISTOR	FMC2A-T148		
Q601	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q605	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q701	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF (GT527EE)		
Q702	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
		< RESISTOR >			
R1	1-216-809-11	METAL CHIP	100	5%	1/10W (GT527EE)
R2	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3	1-216-843-11	METAL CHIP	68K	5%	1/10W
R4	1-216-839-11	METAL CHIP	33K	5%	1/10W
R5	1-216-843-11	METAL CHIP	68K	5%	1/10W
R6	1-414-595-11	INDUCTOR, FERRITE BEAD			
R7	1-414-595-11	INDUCTOR, FERRITE BEAD			
R8	1-216-839-11	METAL CHIP	33K	5%	1/10W (GT527EE)
R9	1-216-843-11	METAL CHIP	68K	5%	1/10W (GT527EE)
R10	1-216-821-11	METAL CHIP	1K	5%	1/10W
R11	1-216-864-11	SHORT CHIP	0 (GT527EE)		
R12	1-414-595-11	INDUCTOR, FERRITE BEAD			
R13	1-414-595-11	INDUCTOR, FERRITE BEAD			
R14	1-216-864-11	SHORT CHIP	0 (GT527EE)		
R52	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R53	1-216-803-11	METAL CHIP	33	5%	1/10W (GT527EE)
R54	1-414-595-11	INDUCTOR, FERRITE BEAD (GT527EE)			
R55	1-216-797-11	METAL CHIP	10	5%	1/10W (GT527EE)
R57	1-216-833-11	METAL CHIP	10K	5%	1/10W (GT527EE)
R58	1-216-821-11	METAL CHIP	1K	5%	1/10W (GT527EE)
R144	1-249-413-11	CARBON	470	5%	1/4W
R146	1-249-413-11	CARBON	470	5%	1/4W
R301	1-216-811-11	METAL CHIP	150	5%	1/10W
R302	1-216-841-11	METAL CHIP	47K	5%	1/10W
R351	1-216-845-11	METAL CHIP	100K	5%	1/10W
R355	1-216-834-11	METAL CHIP	12K	5%	1/10W
R356	1-216-834-11	METAL CHIP	12K	5%	1/10W
R357	1-414-595-11	INDUCTOR, FERRITE BEAD			
R358	1-414-595-11	INDUCTOR, FERRITE BEAD			
R359	1-500-329-21	INDUCTOR, FERRITE BEAD			
R361	1-216-821-11	METAL CHIP	1K	5%	1/10W
R370	1-216-809-11	METAL CHIP	100	5%	1/10W
R371	1-216-809-11	METAL CHIP	100	5%	1/10W
R400	1-216-296-11	SHORT CHIP	0		
R401	1-216-821-11	METAL CHIP	1K	5%	1/10W
R402	1-216-821-11	METAL CHIP	1K	5%	1/10W
R407	1-216-864-11	SHORT CHIP	0		
R411	1-216-833-11	METAL CHIP	10K	5%	1/10W (GT570/GT570S)
R416	1-216-821-11	METAL CHIP	1K	5%	1/10W
R417	1-216-833-11	METAL CHIP	10K	5%	1/10W
R418	1-216-821-11	METAL CHIP	1K	5%	1/10W
R419	1-216-833-11	METAL CHIP	10K	5%	1/10W
R421	1-216-813-11	METAL CHIP	220	5%	1/10W
R422	1-216-833-11	METAL CHIP	10K	5%	1/10W
R431	1-216-813-11	METAL CHIP	220	5%	1/10W

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Ref. No.	Part No.	Description			Remark
R432	1-216-833-11	METAL CHIP	10K	5%	1/10W
R433	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R441	1-216-813-11	METAL CHIP	220	5%	1/10W
R442	1-216-833-11	METAL CHIP	10K	5%	1/10W
R451	1-216-813-11	METAL CHIP	220	5%	1/10W (GT527EE)
R452	1-216-833-11	METAL CHIP	10K	5%	1/10W
R453	1-216-864-11	SHORT CHIP	0		
R454	1-216-864-11	SHORT CHIP	0		
R455	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R461	1-216-813-11	METAL CHIP	220	5%	1/10W
R462	1-216-833-11	METAL CHIP	10K	5%	1/10W (GT527EE)
R471	1-216-813-11	METAL CHIP	220	5%	1/10W
R472	1-216-833-11	METAL CHIP	10K	5%	1/10W (GT527EE)
R474	1-216-864-11	SHORT CHIP	0		
R480	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R481	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R482	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R483	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R484	1-216-821-11	METAL CHIP	1K	5%	1/10W
R491	1-216-805-11	METAL CHIP	47	5%	1/10W
R494	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R500	1-216-817-11	METAL CHIP	470	5%	1/10W
R501	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT570/GT570S)
R502	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R503	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT570/GT570S)
R504	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R505	1-216-845-11	METAL CHIP	100K	5%	1/10W (EA)
R506	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R507	1-216-845-11	METAL CHIP	100K	5%	1/10W (E,CH,IND,MX)
R509	1-216-845-11	METAL CHIP	100K	5%	1/10W
R510	1-216-833-11	METAL CHIP	10K	5%	1/10W
R511	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT570/GT570S)
R512	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R513	1-216-809-11	METAL CHIP	100	5%	1/10W
R514	1-216-809-11	METAL CHIP	100	5%	1/10W
R515	1-216-809-11	METAL CHIP	100	5%	1/10W
R516	1-216-809-11	METAL CHIP	100	5%	1/10W
R517	1-216-845-11	METAL CHIP	100K	5%	1/10W
R518	1-216-845-11	METAL CHIP	100K	5%	1/10W
R519	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R520	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R521	1-216-821-11	METAL CHIP	1K	5%	1/10W
R522	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R523	1-216-845-11	METAL CHIP	100K	5%	1/10W
R524	1-216-845-11	METAL CHIP	100K	5%	1/10W
R525	1-216-845-11	METAL CHIP	100K	5%	1/10W
R526	1-216-841-11	METAL CHIP	47K	5%	1/10W
R527	1-216-845-11	METAL CHIP	100K	5%	1/10W
R528	1-216-833-11	METAL CHIP	10K	5%	1/10W
R529	1-216-845-11	METAL CHIP	100K	5%	1/10W
R530	1-216-845-11	METAL CHIP	100K	5%	1/10W
R531	1-216-845-11	METAL CHIP	100K	5%	1/10W
R532	1-216-845-11	METAL CHIP	100K	5%	1/10W
R533	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R534	1-216-845-11	METAL CHIP	100K	5%	1/10W
R535	1-216-809-11	METAL CHIP	100	5%	1/10W
R536	1-216-811-11	METAL CHIP	150	5%	1/10W
R537	1-216-845-11	METAL CHIP	100K	5%	1/10W
R538	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT570/GT570S)
R539	1-216-809-11	METAL CHIP	100	5%	1/10W
R540	1-216-809-11	METAL CHIP	100	5%	1/10W
R541	1-216-849-11	METAL CHIP	220K	5%	1/10W
R542	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R543	1-216-845-11	METAL CHIP	100K	5%	1/10W
R545	1-216-845-11	METAL CHIP	100K	5%	1/10W
R546	1-216-845-11	METAL CHIP	100K	5%	1/10W
R547	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R548	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R549	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R550	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT570/GT570S)
R551	1-216-864-11	SHORT CHIP	0		
R553	1-216-821-11	METAL CHIP	1K	5%	1/10W
R554	1-216-821-11	METAL CHIP	1K	5%	1/10W
R555	1-216-833-11	METAL CHIP	10K	5%	1/10W
R556	1-216-833-11	METAL CHIP	10K	5%	1/10W
R557	1-216-809-11	METAL CHIP	100	5%	1/10W
R558	1-216-809-11	METAL CHIP	100	5%	1/10W
R559	1-216-845-11	METAL CHIP	100K	5%	1/10W
R561	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R562	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT570/GT570S)
R563	1-216-845-11	METAL CHIP	100K	5%	1/10W
R572	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R573	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT570/GT570S)
R574	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT570/GT570S)
R575	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R576	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT527EE)
R577	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT570/GT570S)
R579	1-216-845-11	METAL CHIP	100K	5%	1/10W
R580	1-216-845-11	METAL CHIP	100K	5%	1/10W
R583	1-216-845-11	METAL CHIP	100K	5%	1/10W
R584	1-216-845-11	METAL CHIP	100K	5%	1/10W (GT570/GT570S)
R601	1-216-851-11	METAL CHIP	330K	5%	1/10W
R602	1-216-851-11	METAL CHIP	330K	5%	1/10W
R603	1-216-821-11	METAL CHIP	1K	5%	1/10W
R604	1-216-835-11	METAL CHIP	15K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R605	1-216-809-11	METAL CHIP	100	5%	1/10W
R606	1-216-821-11	METAL CHIP	1K	5%	1/10W
R607	1-216-821-11	METAL CHIP	1K	5%	1/10W
R608	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R610	1-216-809-11	METAL CHIP	100	5%	1/10W
R611	1-216-809-11	METAL CHIP	100	5%	1/10W
R701	1-216-821-11	METAL CHIP	1K	5%	1/10W
R702	1-216-841-11	METAL CHIP	47K	5%	1/10W (GT527EE)
R703	1-216-833-11	METAL CHIP	10K	5%	1/10W (GT527EE)
R704	1-216-833-11	METAL CHIP	10K	5%	1/10W (GT527EE)
R705	1-249-425-11	CARBON	4.7K	5%	1/4W
R706	1-216-841-11	METAL CHIP	47K	5%	1/10W
R707	1-216-841-11	METAL CHIP	47K	5%	1/10W
R708	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
		< SWITCH >			
S102	1-786-458-11	SWITCH, PUSH (1 KEY) (FRONT PANEL DETECT)			
S103	1-786-826-11	SWITCH, TACTILE (RESET)			
S501	1-571-478-11	SWITCH, SLIDE (FREQUENCY SELECT) (E,CH,IND,MX)			
		< THERMISTOR (POSITIVE) >			
TH400	1-803-350-21	THERMISTOR, POSITIVE			
		< TUNER UNIT >			
TU1	A-3220-960-B	TUNER UNIT (TUX-032) (GT570/GT570S)			
TU1	A-3220-961-B	TUNER UNIT (TUX-032) (GT527EE)			
		< VIBRATOR >			
X50	1-813-532-11	VIBRATOR, CRYSTAL (8.664MHz) (GT527EE)			
X500	1-813-524-21	VIBRATOR, CERAMIC (18.432MHz)			
X501	1-767-317-11	VIBRATOR, CRYSTAL (32.768kHz)			
**********					
	A-1177-201-A	SERVO BOARD, COMPLETE			
		**********			
**********					
		SUB BOARD			
		**********			
		< CONNECTOR >			
CN201	1-819-782-11	SOCKET, CONNECTOR 16P			
		< DIODE >			
LED201	6-501-547-01	LED CL-197HB1E-D-T (DISC IN) (GT570/GT570S)			
LED201	8-719-078-21	LED SML-310PTT86 (DISC IN) (GT527EE)			
LED202	6-501-547-01	LED CL-197HB1E-D-T (⏏) (GT570/GT570S)			
LED202	8-719-078-21	LED SML-310PTT86 (⏏) (GT527EE)			
		< RESISTOR >			
R201	1-216-812-11	METAL CHIP	180	5%	1/10W (GT527EE)
R201	1-216-815-11	METAL CHIP	330	5%	1/10W (GT570/GT570S)
R202	1-216-815-11	METAL CHIP	330	5%	1/10W (GT527EE)
R202	1-216-823-11	METAL CHIP	1.5K	5%	1/10W (GT570/GT570S)
		< SWITCH >			
S201	1-786-653-21	SWITCH, TACTILE (⏏)			
**********					
		MISCELLANEOUS			
		**********			
3	1-834-507-11	CABLE, FLEXIBLE FLAT (17 CORE) (CN202)			
12	1-831-838-11	CORD (WITH CONNECTOR) (ISO) (POWER) (GT527EE)			
12	1-833-974-21	CONNECTION CORD FOR AUTOMOBILE (POWER) (GT570/GT570S)			
13	1-833-887-11	CONNECTION CORD (RCA) (SUB OUT (MONO)) (GT570/GT570S)			
⚠103	X-2149-672-1	SERVICE ASSY, OP (DAX-25A)			
FU601	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) 10A			
**********					
		ACCESSORIES			
		**********			
	1-479-077-13	REMOTE COMMANDER (RM-X151)			
	2-548-729-01	LID, BATTERY CASE (for RM-X151)			
	3-217-494-21	MANUAL, INSTRUCTION (RUSSIAN, UKRAINIAN) (GT527EE)			
	3-217-494-31	MANUAL, INSTRUCTION (ENGLISH,SPANISH, PERSIAN) (E,IND,MX)			
	3-217-494-41	MANUAL, INSTRUCTION (ENGLISH, SIMPLIFIED CHINESE) (CH)			
	3-217-494-51	MANUAL, INSTRUCTION (ENGLISH,ARABIC) (EA)			
	3-217-595-21	MANUAL, INSTRUCTION, INSTALL (RUSSIAN, UKRAINIAN) (GT527EE)			
	3-217-595-31	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH,PERSIAN) (E,IND,MX)			
	3-217-595-41	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SIMPLIFIED CHINESE) (CH)			
	3-217-595-51	MANUAL, INSTRUCTION, INSTALL (ENGLISH, ARABIC) (EA)			
	X-2149-228-2	CASE ASSY (for FRONT PANEL)			
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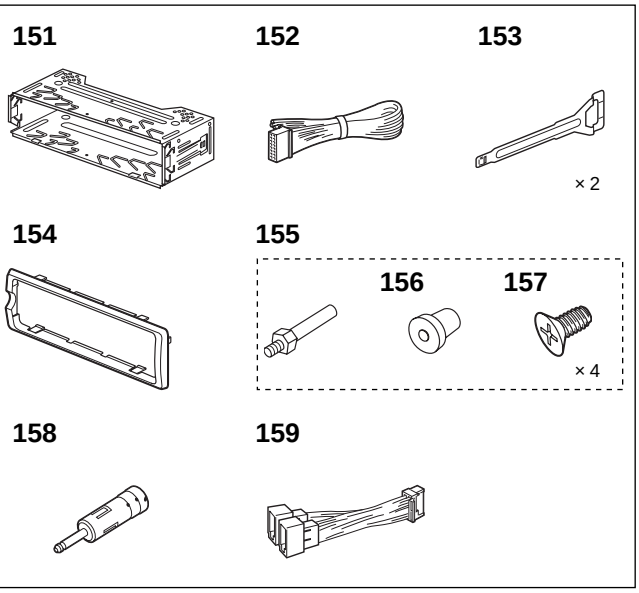
Ref. No.	Part No.	Description	Remark
		PARTS FOR INSTALLATION AND CONNECTIONS	
		**********	
151	X-2179-431-1	FRAME ASSY, FITTING	
152	1-833-974-21	CONNECTION CORD FOR AUTOMOBILE	(POWER) (GT570/GT570S)
153	3-246-471-01	KEY (FRAME)	
154	3-209-713-01	COLLAR	
155	X-3381-154-1	SCREW ASSY (BS4), FITTING	
156	3-349-410-11	BUSHING	
157	3-934-325-01	SCREW, +K (5X8) TAPPING	
158	1-465-459-31	ADAPTOR, ANTENNA (GT527EE)	
159	1-831-838-11	CORD (WITH CONNECTOR) (ISO) (POWER)	(GT527EE)



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REVISION HISTORY

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Also, clicking the version at the top of the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2007. 08	New
1.1	2007. 09	Deletion of Indian model of CDX-GT570. (ENG-07007)